Datastat Research
Building Capacity in Training and Research

# DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

OIL AND GAS

# Predictive Maintenance in Petroleum Facilities Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

## PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
**5 Days Practical Hands-on**

DELIVERY MODES
**In-Person Class & Live Virtual**

CERTIFICATION
**Accredited Certificate of Completion**

INTAKES / DATES
**Multiple Cohort Schedules Included**

PREPARED FOR:

**Valued Participant**

Email: training@datastatresearch.org | Issued: November 25, 2026

**Academic & Professional Training Year: 2026**

**DATASTAT TRAINING INSTITUTE**

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

Tel: +254 724 527 104 | +254 734 969 612

Email: training@datastatresearch.org

www.datastatresearch.org

# Predictive Maintenance in Petroleum Facilities Training Course

**Oil and Gas • 5 Days Intensive • Accredited Certification**

## Course Overview

Predictive Maintenance in Petroleum Facilities Training Course is designed to equip oil and gas professionals with the technical knowledge and practical skills required to improve equipment reliability, optimize asset performance, and minimize unplanned downtime across petroleum facilities.

### Key Skills & Software Tools Covered

Predictive Maintenance • Equipment Reliability • Failure Analysis • Condition Monitoring

## Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

| TRAINING DATES | LOCATION / VENUE | FORMAT / DURATION | INVESTMENT (FEE) |
|---|---|---|---|
| **30 Nov 2026 – 4 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |

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| **14 Dec 2026 – 18 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |

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| **11 Jan 2027 – 15 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **1 Feb 2027 – 5 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |

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| **1 Mar 2027 – 5 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
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| **1 Mar 2027 – 5 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
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| **8 Mar 2027 – 12 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **22 Mar 2027 – 26 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **19 Apr 2027 – 23 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **10 May 2027 – 14 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |

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| **7 Jun 2027 – 11 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **28 Jun 2027 – 2 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |

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| **26 Jul 2027 – 30 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |

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| **23 Aug 2027 – 27 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **13 Sep 2027 – 17 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |

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| **11 Oct 2027 – 15 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **1 Nov 2027 – 5 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **29 Nov 2027 – 3 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **20 Dec 2027 – 24 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

## Course Curriculum & Modules

**Predictive Maintenance in Petroleum Facilities Training Course**

**Introduction**

**Predictive Maintenance in Petroleum Facilities Training Course is designed to equip oil and gas professionals with the technical knowledge and practical skills required to improve equipment reliability, optimize asset performance, and minimize unplanned downtime across petroleum facilities. This training course explores modern predictive maintenance techniques for critical petroleum assets, including pumps, compressors, turbines, heat exchangers, pipelines, pressure vessels, drilling equipment, and process plant machinery. Participants will learn how to interpret equipment condition data, apply vibration analysis, conduct thermal monitoring, evaluate lubrication conditions, and use advanced analytics to identify early warning signs of equipment failure before they disrupt production. The program also emphasizes reliability-centered maintenance, risk-based inspection, failure mode analysis, and condition-based monitoring to support safer and more sustainable petroleum operations.**

**The course examines how predictive analytics, sensor technologies, anomaly detection, machine learning algorithms, remote asset monitoring, and real-time equipment diagnostics can transform traditional maintenance practices into proactive, intelligence-driven systems. Participants will explore strategies for extending equipment life, reducing maintenance expenditure, improving asset availability, preventing catastrophic failures, and strengthening health, safety, and environmental (HSE) performance. Additional emphasis is placed on maintenance data quality, key performance indicators (KPIs), maintenance planning, spare parts optimization, and integration with computerized maintenance management systems (CMMS) and enterprise asset management (EAM) platforms. By the end of the training, participants will be better prepared to develop predictive maintenance strategies that align with organizational reliability targets, digital transformation initiatives, regulatory requirements, and long-term petroleum facility performance objectives.**

**Course Duration**

**5 days**

### Course Objectives

By the end of this training course, participants will be able to:

- Understand predictive maintenance fundamentals and their application in upstream, midstream, and downstream petroleum facilities.
- Develop data-driven maintenance strategies using condition monitoring, reliability engineering, and asset performance management principles.
- Apply vibration analysis techniques to identify faults in rotating equipment, including pumps, compressors, turbines, and motors.
- Interpret thermography, oil analysis, ultrasonic testing, and other non-invasive equipment diagnostic techniques.
- Utilize Artificial Intelligence and machine learning to identify equipment failure patterns and predict maintenance requirements.
- Implement IIoT-enabled condition monitoring systems for real-time equipment health assessment.
- Apply failure mode and effects analysis (FMEA) and root cause analysis (RCA) to prevent recurring equipment failures.
- Develop predictive maintenance models using historical maintenance records, sensor readings, and operational data.
- Optimize maintenance schedules through risk-based prioritization and reliability-centered maintenance (RCM).
- Integrate predictive maintenance workflows with CMMS, EAM, and asset performance management systems.
- Evaluate equipment health indicators, leading maintenance KPIs, and reliability metrics to improve operational performance.
- Improve spare parts planning, maintenance resource allocation, and lifecycle cost management using predictive insights.
- Design a practical predictive maintenance implementation roadmap that enhances safety, asset reliability, sustainability, and production efficiency.

Target Audience

- Maintenance engineers and maintenance planning professionals.
- Reliability engineers and asset integrity specialists.
- Petroleum, mechanical, electrical, and instrumentation engineers.
- Oil and gas facility managers and operations supervisors.
- Condition monitoring and vibration analysis technicians.
- Rotating equipment engineers and machinery specialists.
- Digital transformation, industrial data analytics, and AI professionals in the petroleum sector.
- Asset performance managers, maintenance consultants, and technical service providers.

Course Modules

### Module 1: Fundamentals of Predictive Maintenance in Petroleum Facilities

- Definition, principles, and evolution of predictive maintenance in the oil and gas industry.
- Comparison of preventive, reactive, condition-based, and predictive maintenance strategies.
- Identification of critical petroleum facility assets and equipment failure risks.
- Introduction to reliability, availability, maintainability, and overall equipment effectiveness (OEE).
- Case study: Comparing reactive and predictive maintenance approaches at an offshore oil production facility.

### Module 2: Equipment Condition Monitoring and Diagnostic Technologies

- Principles of condition monitoring for rotating and stationary petroleum equipment.
- Vibration analysis for detecting imbalance, misalignment, bearing defects, and mechanical looseness.
- Infrared thermography for identifying overheating, electrical faults, and abnormal thermal patterns.
- Lubricant and oil analysis for detecting contamination, wear particles, and degradation.
- Ultrasonic monitoring and non-destructive testing for identifying leaks and early equipment deterioration.
- Case study: Detecting early bearing failure in a centrifugal pump using vibration and temperature monitoring.

### Module 3: Predictive Maintenance for Rotating Equipment

- Reliability assessment of centrifugal pumps, reciprocating pumps, and compressors.
- Predictive maintenance strategies for gas turbines, steam turbines, and electric motors.
- Identification of cavitation, bearing wear, shaft misalignment, and lubrication failures.
- Monitoring mechanical seals, gearboxes, couplings, and rotating machinery components.
- Development of equipment-specific condition indicators and maintenance thresholds.
- Case study: Reducing recurring compressor failures at a gas processing facility through continuous condition monitoring.

### Module 4: Predictive Maintenance for Static Equipment and Pipelines

- Condition assessment of pressure vessels, storage tanks, heat exchangers, and process columns.
- Corrosion monitoring, erosion assessment, and wall-thickness measurement.
- Predictive approaches to pipeline integrity management and leak detection.
- Application of risk-based inspection (RBI) and degradation modeling.
- Integration of inspection findings with maintenance planning and asset integrity systems.
- Case study: Using corrosion trends and inspection data to prioritize maintenance on a crude oil pipeline network.

### Module 5: Artificial Intelligence, Machine Learning, and Predictive Analytics

- Fundamentals of AI-driven predictive maintenance in petroleum operations.
- Data collection, cleansing, feature engineering, and preparation of equipment datasets.
- Supervised and unsupervised machine learning for failure prediction and anomaly detection.
- Remaining useful life (RUL) estimation and equipment degradation forecasting.
- Model validation, false alarm reduction, and interpretation of predictive maintenance outputs.
- Case study: Developing a machine learning model to predict pump failures using historical operating data, vibration readings, and maintenance records.

### Module 6: IIoT, Digital Twins, and Real-Time Equipment Monitoring

- Architecture of Industrial Internet of Things (IIoT) systems for petroleum facilities.
- Smart sensors, edge computing, cloud platforms, and real-time data acquisition.
- Digital twins for equipment performance simulation and degradation monitoring.
- Integration of distributed control systems (DCS), SCADA, historians, and equipment monitoring platforms.
- Cybersecurity, data governance, connectivity, and reliability considerations for connected assets.
- Case study: Implementing remote monitoring and digital twin technology for critical equipment at an offshore production platform.

### Module 7: Maintenance Optimization, Risk Management, and Performance Measurement

- Application of reliability-centered maintenance (RCM) and failure mode and effects analysis (FMEA).
- Risk-based maintenance prioritization using equipment criticality and failure consequences.
- Optimization of maintenance intervals, workforce deployment, and spare parts inventory.
- Development of predictive maintenance KPIs, including mean time between failures (MTBF) and mean time to repair (MTTR).

- Integration of predictive insights into CMMS, EAM, work orders, and maintenance scheduling.
- Case study: Optimizing maintenance intervals and spare parts inventory at a refinery to reduce downtime and emergency maintenance costs.

### Module 8: Predictive Maintenance Implementation and Continuous Improvement

- Assessment of organizational readiness, maintenance maturity, and data availability.
- Development of a predictive maintenance business case and return on investment (ROI) model.
- Selection of pilot equipment, sensors, analytics platforms, and implementation partners.
- Change management, technical training, and collaboration between operations and maintenance teams.
- Development of an implementation roadmap with performance targets and continuous improvement measures.
- Case study: Designing a phased predictive maintenance rollout for a petroleum processing plant, including pilot selection, baseline KPIs, implementation costs, and expected reliability improvements.

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

### Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

### How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/predictive-maintenance-in-petroleum-facilities-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.