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

AGRICULTURE

# Training Course on Robotics and Automation for Smallholder Farmer Empowerment

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

## PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
**10 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 24, 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

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Email: training@datastatresearch.org

www.datastatresearch.org

# Training Course on Robotics and Automation for Smallholder Farmer Empowerment

**Agriculture • 10 Days Intensive • Accredited Certification**

## Course Overview

Training Course on Robotics and Automation for Smallholder Farmer Empowerment is designed to equip farmers, extension officers, and agribusiness leaders with the technical skills and strategic insights needed to harness robotics and automation for improved yields, reduced input costs, and climate-smart farming practices.

### Key Skills & Software Tools Covered

Robotics • automation • precision farming

## 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) |
|---|---|---|---|
| **7 Dec 2026 – 18 Dec 2026** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **7 Dec 2026 – 18 Dec 2026** | Kigali | Classroom / 10d | **$6,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Dubai | Classroom / 10d | **$10,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Cape Town | Classroom / 10d | **$9,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Singapore | Classroom / 10d | **$10,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Istanbul | Classroom / 10d | **$10,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Bangkok | Classroom / 10d | **$10,000 USD / KES 110,000** |
| **7 Dec 2026 – 18 Dec 2026** | Accra | Classroom / 10d | **$8,000 USD / KES 110,000** |
| **4 Jan 2027 – 15 Jan 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **4 Jan 2027 – 15 Jan 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |

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| **18 Jan 2027 – 29 Jan 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **18 Jan 2027 – 29 Jan 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Feb 2027 – 12 Feb 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Feb 2027 – 26 Feb 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **1 Mar 2027 – 12 Mar 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |

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| **15 Mar 2027 – 26 Mar 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **15 Mar 2027 – 26 Mar 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **29 Mar 2027 – 9 Apr 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **12 Apr 2027 – 23 Apr 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |

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| **26 Apr 2027 – 7 May 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **26 Apr 2027 – 7 May 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **10 May 2027 – 21 May 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **24 May 2027 – 4 Jun 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **7 Jun 2027 – 18 Jun 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |

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| **21 Jun 2027 – 2 Jul 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **21 Jun 2027 – 2 Jul 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **5 Jul 2027 – 16 Jul 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **19 Jul 2027 – 30 Jul 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |

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| **2 Aug 2027 – 13 Aug 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **2 Aug 2027 – 13 Aug 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **16 Aug 2027 – 27 Aug 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **30 Aug 2027 – 10 Sep 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **13 Sep 2027 – 24 Sep 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |

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| **27 Sep 2027 – 8 Oct 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **27 Sep 2027 – 8 Oct 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **11 Oct 2027 – 22 Oct 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **25 Oct 2027 – 5 Nov 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |

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| **8 Nov 2027 – 19 Nov 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **8 Nov 2027 – 19 Nov 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **22 Nov 2027 – 3 Dec 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Nairobi | Classroom / 10d | **$3,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Kigali | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Dubai | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Cape Town | Classroom / 10d | **$9,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Addis Ababa | Classroom / 10d | **$6,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Singapore | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Istanbul | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Bangkok | Classroom / 10d | **$10,000 USD / KES 220,000** |
| **6 Dec 2027 – 17 Dec 2027** | Accra | Classroom / 10d | **$8,000 USD / KES 220,000** |

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

## Course Curriculum & Modules

**Training Course on Robotics and Automation for Smallholder Farmer Empowerment**

**Introduction**

**In today's rapidly evolving agricultural landscape, robotics and automation are becoming essential tools for boosting productivity, sustainability, and efficiency—especially for smallholder farmers. As the global demand for food increases and labor shortages persist, the integration of agritech solutions, such as smart irrigation, autonomous weeding systems, precision planting, and drone-based monitoring, is transforming farming into a high-tech profession. Training Course on Robotics and Automation for Smallholder Farmer Empowerment is designed to equip farmers, extension officers, and agribusiness leaders with the technical skills and strategic insights needed to harness robotics and automation for improved yields, reduced input costs, and climate-smart farming practices.**

**The course provides hands-on training, case studies, and real-world applications that demonstrate how affordable automation and smart farming tools can be practically applied to small-scale farms. With a strong focus on empowerment, capacity building, and digital inclusion, this training ensures participants are prepared to adopt and scale technologies that promote sustainable agricultural practices, financial resilience, and food security in rural communities.**

### Course Objectives

- Understand the fundamentals of agricultural robotics and its role in smart farming.
- Explore automation tools that enhance productivity in smallholder systems.
- Apply precision agriculture techniques using robotics.

- Promote climate-smart agriculture through automation solutions.
- Train farmers on the use of drones for crop monitoring and surveillance.
- Introduce low-cost autonomous machinery adapted for small-scale farms.
- Strengthen digital literacy in robotic technology applications.
- Demonstrate AI-based decision-making for field operations.
- Foster adoption of IoT sensors for soil and environmental data.
- Enable integration of automated irrigation and fertilization systems.
- Evaluate the economic feasibility of automation for smallholders.
- Develop strategies for scaling smart farming innovations.
- Support women and youth in agribusiness tech adoption.

Target Audiences

- Smallholder farmers
- Agricultural extension officers
- Agribusiness startups
- Rural youth innovators
- Government agricultural officers
- NGOs in agricultural development
- Agricultural engineers and technicians
- Women in agribusiness

Course Duration: 10 days

Course Modules

### Module 1: Introduction to Agricultural Robotics

- Basics of robotics in farming
- Evolution of automation in agriculture
- Key components of farm robots
- Benefits and limitations
- Adoption challenges in rural settings
- Case Study: India’s NAARM robotic kits for small farmers

### Module 2: Precision Farming Techniques

- GPS-based farming systems
- Sensor-based soil monitoring
- Yield mapping
- Data-driven decision-making
- Tools for small plots
- Case Study: Precision farming in Kenya’s maize fields

### Module 3: Drones and Aerial Surveillance

- Drone types and functions
- Crop health monitoring
- Mapping and imaging tools
- Legal considerations
- Farmer training and certification
- Case Study: Rwanda’s Zipline drone system for agriculture

### Module 4: Autonomous Tractors and Ploughing Machines

- Functionality and affordability
- Programming basic paths
- Integration with other tools
- Fuel vs. electric options
- Safety measures

- Case Study: Farmtrac’s electric tractor in smallholder fields

### Module 5: Smart Irrigation and Water Management

- IoT sensors for soil moisture
- Automated drip systems
- Climate-based scheduling
- Mobile app control
- Resource savings benefits
- Case Study: Tunisia’s solar-powered irrigation automation

### Module 6: Robotics in Pest and Weed Control

- Vision-guided weeders
- Precision pesticide sprayers
- Safe handling procedures
- Impact on yield
- Health and environment implications
- Case Study: Tanzania’s AI-powered weeding bots

### Module 7: Post-Harvest Automation

- Robotic harvesters
- Automated grading and sorting
- Storage monitoring tech
- Packaging robotics
- Quality assurance systems
- Case Study: Thailand’s cassava sorting robot for smallholders

### Module 8: Greenhouse Automation Systems

- Climate control systems
- Nutrient dosing robots
- Ventilation and lighting control
- Sensors and alert systems
- Power supply solutions
- Case Study: Urban greenhouses in Lagos with full automation

### Module 9: AI and Machine Learning in Agriculture

- Predictive analytics
- Disease identification
- Pattern recognition in crop cycles
- Decision support systems
- Integration with mobile devices
- Case Study: IBM’s Watson in smallholder rice production in India

### Module 10: IoT and Data Collection Tools

- Remote sensing networks
- Real-time dashboards
- Soil and weather data logs
- Mobile alerts
- Maintenance and calibration
- Case Study: IoT-based cocoa farming in Ghana

### Module 11: Digital Literacy for Farmers

- Basic tech training
- Using mobile platforms
- Accessing farm data

- Troubleshooting common issues
- Building confidence with tech
- Case Study: Uganda’s digital farmer schools

### Module 12: Gender and Youth Inclusion in Agritech

- Bridging the digital divide
- Tailored training modules
- Entrepreneurship in agritech
- Youth-driven innovations
- Creating safe tech spaces
- Case Study: SheFarms: Robotics access for rural women in Nigeria

### Module 13: Financing Robotics and Automation

- Cost-benefit analysis
- Sources of agri-finance
- Government subsidies
- Private sector partnerships
- Leasing vs. ownership models
- Case Study: Ethiopian cooperative finance for smart tools

### Module 14: Sustainability and Environmental Impact

- Reducing chemical use
- Optimizing land and water
- Reducing labor exploitation
- Reducing carbon emissions
- Promoting eco-friendly machinery
- Case Study: Organic farming automation in Vietnam

### Module 15: Scaling and Policy Integration

- Frameworks for national adoption
- Policy advocacy and planning
- Local manufacturing options
- Standardization and safety
- Farmer cooperatives
- Case Study: Brazil’s national smart farming policy pilot

Training Methodology

- Hands-on demonstrations of robotic equipment
- Field visits and farm-based simulations
- Expert-led interactive lectures and Q&A sessions
- Use of videos and virtual reality models for tech visualization
- Group work and real-time data analysis exercises
- Capstone project involving design of a custom automation plan

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/training-course-on-robotics-and-automation-for-smallholder-farmer-empowerment 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.