DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

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

OIL AND GAS

Advanced Petrophysics for Reservoir Engineers Training Course

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 26, 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

Advanced Petrophysics for Reservoir Engineers Training Course

Oil and Gas • 10 Days Intensive • Accredited Certification

Course Overview

Advanced Petrophysics for Reservoir Engineers Training Course is designed to strengthen technical expertise in reservoir characterization, formation evaluation, rock-fluid interactions, and subsurface reservoir modelling. Petrophysics plays a critical role in determining the quality, quantity, and producibility of hydrocarbons stored within reservoir rocks.

Key Skills & Software Tools Covered

Advanced Petrophysics • Formation Evaluation • Well Log Interpretation • Reservoir Characterization

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 – 11 Dec 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
30 Nov 2026 – 11 Dec 2026	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Dec 2026 – 25 Dec 2026	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**

28 Dec 2026 – 8 Jan 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
28 Dec 2026 – 8 Jan 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
11 Jan 2027 – 22 Jan 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
25 Jan 2027 – 5 Feb 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Feb 2027 – 19 Feb 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**

22 Feb 2027 – 5 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Feb 2027 – 5 Mar 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
8 Mar 2027 – 19 Mar 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
22 Mar 2027 – 2 Apr 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**

5 Apr 2027 – 16 Apr 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
5 Apr 2027 – 16 Apr 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
19 Apr 2027 – 30 Apr 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
3 May 2027 – 14 May 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
17 May 2027 – 28 May 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
31 May 2027 – 11 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

31 May 2027 – 11 Jun 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
31 May 2027 – 11 Jun 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
31 May 2027 – 11 Jun 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
31 May 2027 – 11 Jun 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
31 May 2027 – 11 Jun 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
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14 Jun 2027 – 25 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
14 Jun 2027 – 25 Jun 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
14 Jun 2027 – 25 Jun 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
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14 Jun 2027 – 25 Jun 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Jun 2027 – 25 Jun 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Jun 2027 – 25 Jun 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
14 Jun 2027 – 25 Jun 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
28 Jun 2027 – 9 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
28 Jun 2027 – 9 Jul 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
28 Jun 2027 – 9 Jul 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
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28 Jun 2027 – 9 Jul 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
28 Jun 2027 – 9 Jul 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**

12 Jul 2027 – 23 Jul 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
12 Jul 2027 – 23 Jul 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
26 Jul 2027 – 6 Aug 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
9 Aug 2027 – 20 Aug 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
23 Aug 2027 – 3 Sep 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**

6 Sep 2027 – 17 Sep 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
6 Sep 2027 – 17 Sep 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
20 Sep 2027 – 1 Oct 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
4 Oct 2027 – 15 Oct 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**

18 Oct 2027 – 29 Oct 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
18 Oct 2027 – 29 Oct 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
1 Nov 2027 – 12 Nov 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
15 Nov 2027 – 26 Nov 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
29 Nov 2027 – 10 Dec 2027	Accra	Classroom / 10d	**$8,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Kigali	Classroom / 10d	**$6,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Dubai	Classroom / 10d	**$10,000 USD / KES 220,000**

13 Dec 2027 – 24 Dec 2027	Cape Town	Classroom / 10d	**$9,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Singapore	Classroom / 10d	**$10,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Istanbul	Classroom / 10d	**$10,000 USD / KES 220,000**
13 Dec 2027 – 24 Dec 2027	Bangkok	Classroom / 10d	**$10,000 USD / KES 220,000**
13 Dec 2027 – 24 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

Advanced Petrophysics for Reservoir Engineers Training Course

Introduction

Advanced Petrophysics for Reservoir Engineers Training Course is designed to strengthen technical expertise in reservoir characterization, formation evaluation, rock-fluid interactions, and subsurface reservoir modelling. Petrophysics plays a critical role in determining the quality, quantity, and producibility of hydrocarbons stored within reservoir rocks. Participants will explore advanced wireline logging, logging-while-drilling (LWD), nuclear magnetic resonance (NMR), borehole imaging, core analysis, and multi-mineral interpretation techniques to improve the accuracy of formation evaluation and reservoir characterization. The course also examines the integration of petrophysical data with geological models, seismic interpretation, and reservoir simulation to support data-driven exploration, field development planning, and production optimization.

This course emphasizes practical applications of advanced well log analysis, saturation modelling, uncertainty quantification, formation damage assessment, rock typing, permeability prediction, and reservoir quality evaluation. Through technical exercises, real-world case studies, and integrated field development scenarios, participants will learn how to reconcile core and log measurements, evaluate heterogeneous and unconventional reservoirs, identify bypassed hydrocarbons, and optimize reservoir performance throughout the field lifecycle. The program also addresses complex carbonate reservoirs, tight formations, laminated sands, shaly formations, and mature fields where conventional petrophysical models may produce misleading results. By the end of the training, participants will be better equipped to deliver reliable petrophysical interpretations, improve reservoir model quality, support investment decisions, and contribute to economically viable and sustainable oil and gas operations.

Course Duration

10 days

Course Objectives

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

- Apply advanced petrophysical principles to reservoir characterization and integrated formation evaluation.
- Interpret conventional and advanced well logs for accurate lithology identification and reservoir quality assessment.
- Quantify effective porosity, total porosity, permeability, and hydrocarbon pore volume using appropriate analytical models.
- Evaluate water saturation using Archie, Waxman-Smits, Dual Water, and other applicable saturation models.
- Integrate core analysis, wireline logs, and LWD data to improve petrophysical interpretation accuracy.
- Apply advanced shale-volume estimation and laminated reservoir evaluation techniques.
- Conduct multi-mineral inversion and mineralogical analysis in complex lithologies.
- Interpret NMR logs to assess pore-size distribution, fluid typing, permeability, and movable fluid volumes.
- Evaluate capillary pressure, wettability, and rock-fluid interactions affecting hydrocarbon recovery.
- Perform net reservoir, net pay, and hydrocarbon pore-volume calculations for reserves evaluation.
- Develop reservoir rock types and electrofacies classifications for improved geological modelling.
- Apply digital petrophysics, automated log interpretation, and machine-learning concepts to subsurface datasets.
- Quantify petrophysical uncertainties and communicate reliable results for reservoir development and production optimization.

Target Audience

- Reservoir engineers
- Petrophysicists
- Petroleum geologists.
- Formation evaluation engineers.

- Production engineers.
- Reservoir modelling specialists.
- Exploration and development geoscientists.
- Technical managers, asset team leaders, and subsurface consultants.

Course Modules

Module 1: Advanced Petrophysics Fundamentals and Reservoir Characterization

- Review fundamental petrophysical properties and their engineering applications.
- Examine relationships between porosity, permeability, saturation, and hydrocarbon productivity.
- Differentiate depositional, diagenetic, and structural controls on reservoir quality.
- Evaluate reservoir heterogeneity and its influence on fluid distribution.
- Case study: Characterizing a heterogeneous sandstone reservoir using integrated log and core datasets.

Module 2: Advanced Well Logging Principles and Data Quality Control

- Review gamma ray, resistivity, density, neutron, sonic, and photoelectric logs.
- Understand logging tool responses, environmental corrections, and measurement limitations.
- Identify borehole enlargement, mud invasion, washouts, and tool-calibration effects.
- Apply depth matching, normalization, and log quality assurance procedures.
- Case study: Resolving inconsistencies between wireline logs and LWD measurements in a deviated well.

Module 3: Advanced Porosity Evaluation and Permeability Prediction

- Differentiate total, effective, and connected porosity in reservoir formations.
- Apply density-neutron, sonic, and multi-log porosity interpretation methods.
- Evaluate the effects of shale content, gas presence, and lithology on porosity measurements.
- Estimate permeability using core-calibrated empirical and physics-based correlations.
- Case study: Developing a porosity-permeability relationship for a heterogeneous clastic reservoir.

Module 4: Water Saturation Models and Resistivity Interpretation

- Review the assumptions and limitations of the Archie saturation equation.
- Apply saturation models for shaly sands, including Waxman-Smits and Dual Water.
- Evaluate formation water resistivity, formation temperature, and salinity effects.
- Analyze deep and shallow resistivity responses to assess invasion and fluid distribution.
- Case study: Comparing water saturation estimates from Archie and shaly-sand models in a laminated reservoir.

Module 5: Shale Volume, Laminated Sands, and Complex Lithology

- Estimate shale volume using gamma ray and multi-mineral interpretation methods.
- Differentiate dispersed, laminated, and structural shale distributions.
- Assess the influence of shale conductivity on calculated water saturation.
- Evaluate thin-bed formations using high-resolution logging and appropriate interpretation models.
- Case study: Reassessing net pay in a thinly laminated sandstone where conventional log cutoffs underestimate reservoir potential.

Module 6: Multi-Mineral Analysis and Advanced Lithology Identification

- Identify quartz, feldspar, calcite, dolomite, clay minerals, and other formation constituents.
- Apply density-neutron, photoelectric factor, sonic, and elemental spectroscopy data.
- Understand multi-mineral inversion principles and model-selection criteria.
- Reconcile mineralogical estimates with X-ray diffraction (XRD) and core measurements.
- Case study: Resolving ambiguous lithology in a mixed carbonate-siliciclastic reservoir.

Module 7: Nuclear Magnetic Resonance (NMR) Petrophysics

- Understand NMR logging principles and transverse relaxation time (T2) distributions.
- Interpret free-fluid volume, bound-fluid volume, and pore-size-related responses.
- Apply NMR-derived permeability models and evaluate their calibration requirements.
- Assess fluid typing and distinguish movable from less-mobile fluid components.
- Case study: Integrating NMR and conventional logs to evaluate permeability in a low-permeability sandstone.

Module 8: Borehole Imaging and Formation Structure Evaluation

- Interpret electrical and acoustic borehole image logs.
- Identify fractures, bedding features, breakouts, and structural discontinuities.
- Assess fracture orientation, distribution, and potential reservoir connectivity.
- Integrate borehole images with conventional logs and core observations.
- Case study: Evaluating natural fractures and their potential contribution to productivity in a carbonate reservoir.

Module 9: Core Analysis and Log-Core Integration

- Review routine core analysis (RCAL) and special core analysis (SCAL).
- Interpret laboratory porosity, permeability, grain density, and fluid saturation measurements.
- Correct for differences in measurement scale, sampling conditions, and reservoir stress.
- Calibrate log-derived properties against representative core datasets.
- Case study: Reconciling laboratory permeability measurements with log-derived permeability in a tight reservoir.

Module 10: Capillary Pressure, Wettability, and Rock-Fluid Properties

- Examine capillary pressure and its relationship to pore-throat structure.
- Interpret mercury injection capillary pressure and porous-plate measurements.
- Assess wettability, interfacial tension, and their influence on fluid distribution.
- Apply height-above-free-water-level concepts to saturation-height modelling.
- Case study: Developing a saturation-height function from capillary pressure data for a reservoir transition zone.

Module 11: Reservoir Rock Typing and Electrofacies Analysis

- Define petrophysical rock types using pore structure and flow characteristics.
- Integrate core descriptions, sedimentology, and log-derived properties.
- Apply electrofacies classification to distinguish reservoir-quality intervals.
- Establish rock-type-dependent permeability and saturation relationships.
- Case study: Creating reservoir rock types for a carbonate field with substantial pore-system variability.

Module 12: Net Pay, Cut-Off Analysis, and Hydrocarbon Pore Volume

- Differentiate gross interval, net reservoir, net pay, and net-to-gross ratio.
- Establish porosity, permeability, and water saturation cut-offs.
- Evaluate the sensitivity of net pay to different economic and technical assumptions.
- Calculate hydrocarbon pore volume and assess its implications for volumetric estimates.
- Case study: Quantifying how alternative cut-off criteria affect recoverable-resource estimates in a mature field.

Module 13: Petrophysical Evaluation of Unconventional and Tight Reservoirs

- Assess tight sandstone, shale, and other low-permeability formations.
- Examine total organic carbon, mineral composition, and organic-rich intervals.
- Evaluate pore systems, adsorption, and fluid storage where relevant.
- Interpret specialized measurements while accounting for model limitations and scale effects.
- Case study: Integrating mineralogical, porosity, and organic-content data to characterize a shale reservoir interval.

Module 14: Digital Petrophysics, Machine Learning, and Automated Interpretation

- Introduce digital workflows for log conditioning, interpretation, and data integration.
- Apply supervised and unsupervised machine-learning concepts to electrofacies classification.
- Evaluate automated approaches to missing-log reconstruction and permeability prediction.
- Validate model outputs against independent core and well data.
- Case study: Comparing conventional electrofacies interpretation with machine-learning classification across multiple wells.

Module 15: Integrated Petrophysical Modelling, Uncertainty, and Field Development

- Integrate petrophysical interpretations into three-dimensional static reservoir models.
- Generate consistent porosity, permeability, saturation, and rock-type property distributions.
- Evaluate uncertainty through sensitivity analysis and alternative interpretation scenarios.
- Communicate petrophysical risks and their implications for reserves and development planning.

- Case study: Delivering an integrated petrophysical evaluation for a field redevelopment project targeting bypassed hydrocarbons.

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/advanced-petrophysics-for-reservoir-engineers-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.