DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

DataOps Fundamental Training

Explain what DataOps is, map DevOps practices onto data delivery and plan the first improvements for your own data pipelines.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **1 day · Day 1**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

Foundation 1 day · This curriculum	**Essential** 2 days · Next step	**Intermediate** 3 days · Later	**Advanced** 5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	14 topics · Foundation
Hands-on labs	1 lab
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/dataops/dataops-fundamental.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the DataOps course path, you will be able to:

1

Deliver data like software

Version, test and release data pipelines through Git, CI/CD and environment promotion.

2

Catch data issues early

Use quality gates, contracts, lineage and observability to stop bad data before it reaches consumers.

3

Run data as products

Operate data products with SLOs, governance and metrics that the business can rely on.

WHAT THE FOUNDATION LEVEL ADDS

DataOps principles, operating model and data assembly line

Hands-on: Map and score your data value stream. Draw the ingest-to-serve assembly line for one real pipeline, mark waste and quality gaps, and pick your next three improvements with a 30/60/90-day plan.

WHO SHOULD ATTEND

- Beginners and working professionals who are new to DataOps and want a solid, hands-on start.
- Engineers, analysts, testers and students preparing to use DataOps on real work.
- Leads and managers who want first-hand familiarity with DataOps.

BEFORE YOU START

- No prior DataOps experience is needed.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION

DataOps Fundamental Training agenda

14 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: DataOps principles, operating model and data assembly line

New at this level

1. What DataOps is and isn't: collaborative practice automating data flows for predictable value; not a tool, not only DevOps for data
2. The DataOps Manifesto: lean analytics-as-manufacturing, continuous improvement and quality at every station
3. Context past to present: batch BI, waterfall analytics and long releases versus cloud platforms, streaming plus batch, product thinking
4. Problem space and organizational pain: silos, env drift, schema breaks, rework, platform sprawl; queues, manual gates, duplicate pipelines
5. Principles to practice: small batches, fast feedback, quality at the source, automation, reproducibility and observability
6. Release processes: mapping DevOps to DataOps with CI/CD for datasets, SQL/ELT and policies, promotion across environments
7. Operating model and roles: data as products with SLAs/SLOs for freshness, completeness and accuracy; golden sources
8. Platform enablement: paved paths, better communication and integration between teams, review and sign-off of code plus data contracts
9. The data assembly line: ingest, prepare, validate, transform, serve, observe; reproducible environments, dev to stage to prod, rollback
10. CI/CD for data concepts: Git workflows, PR checks for SQL/ELT and contracts, quality gates, artifacted releases, auditable runs, env parity
11. Orchestration patterns: DAGs, retries, SLAs, backfills, event versus schedule driven, hybrid; Apache Airflow and managed AWS and GCP options
12. Governance and security: access control, tagging, lineage, policy-as-code, PII; Snowflake Horizon built-in lineage and quality monitoring
13. Observability and DORA-for-data: lead time, release frequency, change failure rate, MTTR, expectation/DMF pass-rate, freshness SLAs
14. Transition playbook and wrap-up: quick wins, 30/60/90-day roadmap to paved roads, checklist, glossary, choose your next three improvements

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

Map and score your data value stream

Draw the ingest-to-serve assembly line for one real pipeline, mark waste and quality gaps, and pick your next three improvements with a 30/60/90-day plan.

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	All four DataOps levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	1 day for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR DATAOPS TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All levels of this course: www.devopsschool.com/courses/dataops/

ENROL OR RESERVE A SEAT
DataOps Fundamental Training

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Next step after this level: Dataops Essential Training - Put data code under Git, build tested dbt models and run automated quality checks on every pull request.