DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Power BI Advanced Training

Run enterprise Power BI with source-controlled models, XMLA and REST automation, embedding, capacity management and governance.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **5 days · Days 1-5**	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	Essential	Intermediate	Advanced
1 day · Included	2 days · Included	3 days · Included	5 days · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	50 topics · Foundation to Advanced
Hands-on labs	4 labs
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/powerBI/powerbi-and-advance-training.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 Power BI course path, you will be able to:

1

Build insightful Power BI reports

Turn raw data into clean star-schema models and interactive reports with Power Query and DAX.

2

Share and secure analytics

Publish, refresh and secure content with workspaces, apps, gateways and row-level security.

3

Run enterprise Power BI

Manage Power BI with Git-based ALM, deployment pipelines, embedding, capacity and governance.

WHAT THE ADVANCED LEVEL ADDS

Enterprise models, ALM, embedding and governance

Hands-on: Ship a governed enterprise BI solution. Save a model as PBIP in Git, deploy it with pipelines and XMLA, embed a report with a service principal and document governance controls.

WHO SHOULD ATTEND

- Experienced Power BI practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Power BI solutions.
- Teams making Power BI an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Secure models with RLS, configure gateways and incremental refresh, tune performance and promote content through deployment pipelines.
- 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 TO ADVANCED

Power BI Advanced Training agenda

50 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: Power BI Desktop, data import and first reports

Included from Foundation

1. Power BI overview: Desktop, the Power BI service, mobile apps and Report Server, and how Power BI fits in Microsoft Fabric
2. Licensing basics: Free, Pro, Premium Per User and Fabric capacity, and what each allows you to share
3. Installing Power BI Desktop: Microsoft Store vs installer, monthly updates, options and preview features
4. Connecting to data: Excel, CSV, SQL Server, SharePoint lists and web sources; Import vs DirectQuery
5. Power Query basics: removing columns, changing data types, filtering rows, splitting columns and applied steps
6. Data modelling basics: tables, relationships, cardinality, cross-filter direction and the model view
7. Star schema: fact and dimension tables, why a date table matters and marking a date table
8. First visuals: bar, column, line, card, table, matrix, slicer and map visuals
9. Formatting: themes, titles, data labels, conditional formatting and on-object editing
10. Simple measures: implicit vs explicit measures, SUM, AVERAGE, COUNTROWS and DIVIDE
11. Publishing: publishing to My workspace and viewing reports in the Power BI service and mobile app

DAY 2 — Essential: Power Query, DAX, interactivity and sharing

Included from Essential

12. Power Query transformations: merge and append, pivot and unpivot, group by, conditional and custom columns
13. M language: let expressions, the Advanced Editor, query parameters and custom functions
14. Data quality: column quality, distribution and profile, handling errors and nulls
15. DAX fundamentals: calculated columns vs measures, row context vs filter context
16. CALCULATE: changing filter context with FILTER, ALL, ALLEXCEPT, REMOVEFILTERS and KEEPFILTERS
17. Iterators: SUMX, AVERAGEX, RANKX and when to use X functions
18. Time intelligence: TOTALYTD, SAMEPERIODLASTYEAR, DATEADD and DATESINPERIOD with a proper date table
19. Readable DAX: VAR and RETURN, formatting, measure tables and display folders
20. Interactivity: cross-filtering, edit interactions, drill-down, drill-through and report page tooltips
21. Navigation: bookmarks, buttons, page navigation, the selection pane and sync slicers
22. Hierarchies and grouping: date and custom hierarchies, groups and bins
23. Power BI service: workspaces, sharing, apps, dashboards with pinned tiles and subscriptions
24. Scheduled refresh: data source credentials, refresh schedules and on-premises data gateway basics

DAY 3 — Intermediate: Security, refresh, advanced DAX and deployment

Included from Intermediate

25. Row-level security: static and dynamic RLS with USERPRINCIPALNAME(), roles and testing with View as
26. Object-level security and sensitivity labels: hiding tables and columns, Microsoft Purview labels
27. On-premises data gateway: standard vs personal mode, gateway clusters and data source management
28. Incremental refresh: RangeStart and RangeEnd parameters, refresh policies and real-time partitions
29. Storage modes: Import, DirectQuery, Dual and composite models; Direct Lake in Microsoft Fabric

30. Advanced DAX: calculation groups, field parameters, visual calculations, TREATAS and USERELATIONSHIP
31. Performance troubleshooting: Performance Analyzer, DAX query view, DAX Studio and VertiPaq Analyzer
32. Reuse: Dataflows Gen2, shared semantic models and live connections to them
33. Paginated reports: Power BI Report Builder, parameters and pixel-perfect exports to PDF and Excel
34. Alerts and automation: data alerts, the Power Automate visual and scheduled subscriptions
35. Copilot in Power BI: creating report pages, DAX suggestions, narrative summaries and prerequisites
36. Deployment pipelines: development, test and production stages, deployment rules and parameters
37. Endorsement and lineage: promoted and certified content, lineage view and impact analysis

DAYS 4-5 **Advanced: Enterprise models, ALM, embedding and governance** **New at this level**

38. Enterprise modelling: star schemas at scale, user-defined aggregations and the large semantic model storage format
39. Developer mode: Power BI Project files (PBIP), TMDL and Git integration with Azure DevOps or GitHub
40. External tools: Tabular Editor, Best Practice Analyzer rules and ALM Toolkit for model comparison
41. XMLA endpoint: read/write access, scripted deployments and partition management
42. Automation: Power BI REST APIs, PowerShell cmdlets and service principals for refresh and workspace management
43. Embedding: Power BI Embedded, embed for your organisation vs your customers, app-owns-data with service principals
44. Capacity management: the Fabric capacity metrics app, throttling, smoothing and workload planning
45. Governance: tenant settings, the admin portal, activity logs, Microsoft Purview and workspace standards
46. Microsoft Fabric integration: lakehouse and warehouse sources, OneLake and Direct Lake semantic models
47. Performance at scale: query folding, DirectQuery optimisation and dual storage mode
48. Migration: moving from Excel, SSRS, Tableau or Qlik, and from Power BI Report Server to the service
49. Center of Excellence: adoption roadmap, managed vs self-service BI, training and support models
50. Capstone: deliver a governed, source-controlled enterprise Power BI solution end to end

PRACTICE

Hands-on labs

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

FOUNDATION **Build a first sales dashboard**

Import sales data from Excel, clean it in Power Query, relate it to a date table and publish a report with cards, charts and slicers.

ESSENTIAL **Create a sales analysis report**

Build year-over-year and year-to-date DAX measures, drill-through and bookmark navigation, then publish the report as a workspace app.

INTERMEDIATE **Secure and automate a semantic model**

Add dynamic RLS and incremental refresh to a shared semantic model, tune slow visuals, and promote it through a deployment pipeline.

ADVANCED

Ship a governed enterprise BI solution

Save a model as PBIP in Git, deploy it with pipelines and XMLA, embed a report with a service principal and document governance controls.

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 Power BI levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 days 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 POWER BI 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/powerBI/

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Power BI Advanced Training

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