



Power BI Visualization & Advanced Analytics

Course Objectives

- 1. Learn Power BI Service architecture and features.
- 2. Manage workspaces, datasets, and app deployment.
- 3. Understand report sharing, security, and access controls.
- 4. Configure mobile layouts and live connections.
- 5. Explore Power BI service integrations with other Microsoft tools.

Prerequisites

- Familiarity with Power BI Desktop and report creation.
- Basic understanding of cloud platforms and Microsoft 365.

Tools & Environment

- Power BI Service (online platform)
- Microsoft 365 tenant or trial environment
- Power BI Desktop for report development

Beyond Objectives Learning

- Deploy and manage Power BI reports in organizational environments.
- Configure row-level security and access governance.
- Optimize reports for mobile and collaborative use.
- Gain skills for Power BI admin or BI developer roles with cloud integration.

Sr.	Title	Topic	Objective
147	Data Visualization in Power BI – AI Visuals – Key Influencers	AI Visuals	Learn about Key Influencers visual in Power BI for AI-driven insights.
148	Data Visualization in Power BI – AI Visuals – Key Influencers – Part 2	AI Visuals	Continue exploring Key Influencers visual features and use cases.
149	Data Visualization in Power BI – AI Visuals – Decomposition Tree – Part 1	AI Visuals	Introduction to Decomposition Tree visual for drill-down analysis.
150	Data Visualization in Power BI – AI Visuals – Decomposition Tree – Part 2	AI Visuals	Continue working with Decomposition Tree visual for data exploration.
151	Data Visualization in Power BI – AI Visuals – Decomposition Tree – Part 3	AI Visuals	Advanced usage and customization of Decomposition Tree visual.
152	Data Visualization in Power BI – AI Visuals – Smart Narratives	AI Visuals	Learn Smart Narratives visual for automatic data storytelling.
153	Data Visualization in Power BI – Visual Calculations – Part 1	Visual Calculations	Introduction to performing visual level calculations in reports.
154	Data Visualization in Power BI – Visual Calculations – Part 2	Visual Calculations	Continue with advanced visual calculations.
155	Data Visualization in Power BI – Visual Calculations – Part 3	Visual Calculations	Finalize visual calculations techniques for Power BI reports.
156	Data Visualization in Power BI – Data Storytelling – Part 1	Storytelling	Learn the basics of data storytelling to engage report consumers.



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157	Data Visualization in Power BI – Data Storytelling – Part 2	Storytelling	Advanced data storytelling concepts and implementation.
158	Power Query – Parameters and Custom Functions – Part 1	Power Query	Introduction to parameters and custom functions in Power Query.
159	Power Query – Parameters and Custom Functions – Part 2	Power Query	Continue learning Power Query parameters and custom functions.
160	Power Query – Parameters and Custom Functions – Part 3	Power Query	Advanced custom functions and parameters in Power Query.
161	Power Query – Parameters and Custom Functions – Part 4	Power Query	Final part of Power Query parameters and custom functions.
162	Data Modeling in Power BI – Important Concepts – Part 1	Data Modeling	Learn essential data modeling concepts in Power BI.
163	Data Modeling in Power BI – Important Concepts – Part 2	Data Modeling	Continue data modeling fundamentals.
164	Data Modeling in Power BI – Important Concepts – Part 3	Data Modeling	Advanced data modeling topics in Power BI.
165	Data Modeling in Power BI – Important Concepts – Part 4	Data Modeling	Final part of important data modeling concepts.
166	DAX Optimization in Power BI – DAX Studio – Part 1	DAX Optimization	Learn how to optimize DAX queries using DAX Studio.
167	DAX Optimization in Power BI – DAX Studio – Part 2	DAX Optimization	Continue advanced DAX optimization techniques.
168	DAX Optimization & Debugging in Power BI – DAX Query View	DAX Optimization & Debugging	Learn debugging DAX queries using query view tools.
169	DAX Optimization & Debugging in Power BI – Tabular Editor – Part 1	DAX Optimization & Debugging	Introduction to Tabular Editor for model optimization and debugging.
170	DAX Optimization & Debugging in Power BI – Tabular Editor – Part 2	DAX Optimization & Debugging	Advanced model editing and debugging with Tabular Editor.
171	DAX Functions in Power BI – USERELATIONSHIP ()	DAX Functions	Learn USERELATIONSHIP function for managing inactive relationships.
172	DAX Functions in Power BI – TREATAS	DAX Functions	Understand the TREATAS function for advanced filtering.
173	DAX Functions in Power BI – SWITCH – Part 1	DAX Functions	Introduction to SWITCH function for conditional logic – part 1.
174	DAX Functions in Power BI – SWITCH – Part 2	DAX Functions	Continue learning SWITCH function – part 2.
175	Power BI Service – Part 1	Power BI Service	Overview of Power BI Service capabilities and interface.
176	Power BI Service – Part 2	Power BI Service	Continue learning Power BI Service features.



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177	Power BI Service – Part 3	Power BI Service	Advanced Power BI Service functionalities.
178	Power BI Service – Part 4	Power BI Service	More Power BI Service use cases and management.
179	Power BI Service – Live Connection	Power BI Service	Learn about Live Connection options in Power BI Service.
180	Power BI Service – Report vs Dashboard	Power BI Service	Understand differences between reports and dashboards in Power BI Service.
181	Power BI Service – Mobile Layout	Power BI Service	Learn to configure and optimize reports for mobile devices.
177	Power BI Service – Part 3	Power BI Service	Advanced Power BI Service functionalities.
178	Power BI Service – Part 4	Power BI Service	More Power BI Service use cases and management.
179	Power BI Service – Live Connection	Power BI Service	Learn about Live Connection options in Power BI Service.
180	Power BI Service – Report vs Dashboard	Power BI Service	Understand differences between reports and dashboards in Power BI Service.
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177	Power BI Service – Part 3	Power BI Service	Advanced Power BI Service functionalities.
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179	Power BI Service – Live Connection	Power BI Service	Learn about Live Connection options in Power BI Service.
180	Power BI Service – Report vs Dashboard	Power BI Service	Understand differences between reports and dashboards in Power BI Service.
181	Power BI Service – Mobile Layout	Power BI Service	Learn to configure and optimize reports for mobile devices.



Minimum Completion Criteria:

- Complete all modules and MCQs
- Attempt weekly marathons
- Submit at least 2 out of 5 projects in the final level
- Attend minimum 80% of lessons

Certificate Details

- Upon successful completion of the Internship, learners will receive a Government-Recognized Certificate from Vidyawan, a registered MSME enterprise (*Udyam Registration No: UDYAM-WB-14-0205610*).



One Month Internship Certificate



Weekly Marathon Participation Certificate

Performance-Based Badge System

- Gold Badge – For Top Performers (90%+ score, completed 4+ projects)
- Silver Badge – For consistent performance (70–89%)
- Copper/Participant Badge – For all learners who complete the program

Contact Information

For queries, registration, or collaboration, feel free to contact us:

Vidyawan – Internship & Skill Development Platform

(A Government-registered MSME – UDYAM-WB-14-0205610)

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- Follow us for updates and upcoming internships