

PL-300: Microsoft Power BI Data Analyst

As of 21 April 2025, with a minor update as of 15 January 2026

	Prepare the data (25–30%)	Video number
	Get or connect to data	
1	Identify and connect to data sources or a shared semantic model	Throughout Part 2
2	Change data source settings, including credentials and privacy levels	111
		179
3	Choose between DirectQuery and Import	176
4	Create and modify parameters	169
	Profile and clean the data	
5	Evaluate data, including data statistics and column properties	97
		166
		167
6	Resolve inconsistencies, unexpected or null values, and data quality issues	121
		140
		167
7	Resolve data import errors	159
		Throughout Part 2
	Transform and load the data	
8	Select appropriate column data types	121
9	Create and transform columns	Throughout Part 2
10	Group and aggregate rows	Part 2 Level 1
11	Pivot, unpivot, and transpose data	Part 2 Level 3
12	Convert semi-structured data to a table	Throughout Part 2
13	Create fact tables and dimension tables	227
14	Identify when to use reference or duplicate queries and the resulting impact	113
15	Merge and append queries	124
		125
		127
		128
16	Identify and create appropriate keys for relationships	124
17	Configure data loading for queries	182

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	Model the data (25–30%)	Video number
	Design and implement a data model	
18	Configure table and column properties	190
19	Implement role-playing dimensions	258
20	Define a relationship's cardinality and cross-filter direction	190 191
21	Create a common date table	251
22	Identify use cases for calculated columns and calculated tables	Part 3 Level 2 250
	Create model calculations by using DAX	
23	Create single aggregation measures	Part 3 Level 3
24	Use the CALCULATE function	232
25	Implement time intelligence measures	Part 3 Level 7 252
26	Use basic statistical functions	Part 3 Level 2
27	Create semi-additive measures	245
28	Create a measure by using quick measures	89
29	Create calculated tables or columns	250
30	Create calculation groups	253 254
	Optimize model performance	
31	Improve performance by identifying and removing unnecessary rows and columns	114 115 186
32	Identify poorly performing measures, relationships, and visuals by using Performance Analyzer and DAX query view	259 260 262 263
33	Improve performance by reducing granularity	261

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	Visualize and analyze the data (25–30%)	Video number
	Create reports	
34	Select an appropriate visual	Throughout Part 1
35	Format and configure visuals	Throughout Part 1
35a	Create a narrative visual with Copilot	309
36	Apply and customize a theme	35 288
37	Apply conditional formatting	84
38	Apply slicing and filtering	46 47 48 50
38a	Use Copilot to create a new report page	310
38b	Use Copilot to suggest content for a new report page	310
39	Configure the report page	Throughout Part 1
40	Use the Analyze in Excel feature	291
41	Choose when to use a paginated report	103
42	Create visual calculations by using DAX	255 256 257
	Enhance reports for usability and storytelling	
43	Configure bookmarks	54
44	Create custom tooltips	60
45	Edit and configure interactions between visuals	37
46	Configure navigation for a report	57 61
47	Apply sorting to visuals	52
48	Configure sync slicers	48 50
49	Group and layer visuals by using the Selection pane	55
50	Configure drill through navigation	34
51	Configure export settings	90 312
52	Design reports for mobile devices	284
53	Enable personalized visuals in a report	306
54	Design and configure Power BI reports for accessibility	101
55	Configure automatic page refresh	180

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	Identify patterns and trends	Video number
56	Use the Analyze feature in Power BI	103
		291
57	Use grouping, binning, and clustering	94
		97
58	Use AI visuals	95
		96
		98
		100
59	Use reference lines, error bars, and forecasting	91
		92
60	Detect outliers and anomalies	93
		95
60a	Use Copilot to summarize the underlying semantic model	309
	Manage and secure Power BI (15–20%)	
	Create and manage workspaces and assets	
61	Create and configure a workspace	Part 4 Section 6
62	Configure and update a workspace app	301
		302
63	Publish, import, or update items in a workspace	304
		305
64	Create dashboards	Part 4 Section 4
65	Choose a distribution method	Part 4 Section 6
66	Configure subscriptions and data alerts	285
		290
67	Promote or certify Power BI content	293
		303
68	Identify when a gateway is required	294
69	Configure a semantic model scheduled refresh	295
	Secure and govern Power BI items	
70	Assign workspace roles	299
71	Configure item-level access	276
72	Configure access to semantic models	276
73	Implement row-level security roles	279
		280
		281
74	Configure row-level security group membership	281
75	Apply sensitivity labels	289