

**PL-300: Microsoft Power BI Data Analyst**  
As of 31 January 2023

	Prepare the data (25–30%)	Video Number
	Get data from data sources	
1	Identify and connect to a data source	Throughout Part 2
2	Change data source settings, including credentials, privacy levels, and data source locations	100 163
3	Select a shared dataset, or create a local dataset	Throughout Part 2
4	Choose between DirectQuery, Import, and Dual mode	159
5	Change the value in a parameter	154
	Clean the data	
6	Evaluate data, including data statistics and column properties	86 151 152
7	Resolve inconsistencies, unexpected or null values, and data quality issues	109 152
8	Resolve data import errors	144 Throughout Part 2
	Transform and load the data	
9	Select appropriate column data types	109
10	Create and transform columns	Throughout Part 2
11	Transform a query	Throughout Part 2
12	Design a star schema that contains facts and dimensions	212
13	Identify when to use reference or duplicate queries and the resulting impact	102
14	Merge and append queries	112 113 114 115
15	Identify and create appropriate keys for relationships	112
16	Configure data loading for queries	169

**PL-300: Microsoft Power BI Data Analyst**  
As of 31 January 2023

	Model the data (25–30%)	Video Number
	Design and implement a data model	
17	Configure table and column properties	175
18	Implement role-playing dimensions	237
19	Define a relationship's cardinality and cross-filter direction	175
		176
20	Create a common date table	236
21	Implement row-level security roles	255
		256
		257
	Create model calculations by using DAX	
22	Create single aggregation measures	Part 3 Level 3
23	Use CALCULATE to manipulate filters	217
24	Implement time intelligence measures	Part 3 Level 7
25	Identify implicit measures and replace with explicit measures	Throughout Part 3
26	Use basic statistical functions	Part 3 Level 2
27	Create semi-additive measures	230
28	Create a measure by using quick measures	79
29	Create calculated tables	235
	Optimize model performance	
30	Improve performance by identifying and removing unnecessary rows and columns	103
		104
		170
31	Identify poorly performing measures, relationships, and visuals by using Performance Analyzer	238
		239
		241
32	Improve performance by choosing optimal data types	240
33	Improve performance by summarizing data	240

**PL-300: Microsoft Power BI Data Analyst**  
As of 31 January 2023

	Visualize and analyze the data (25–30%)	Video Number
	Create reports	
34	Identify and implement appropriate visualizations	Throughout Part 1
35	Format and configure visualizations	Throughout Part 1
36	Use a custom visual	62
37	Apply and customize a theme	31
		280
38	Configure conditional formatting	75
39	Apply slicing and filtering	41
		42
		43
		44
40	Configure the report page	Throughout Part 1
41	Use the Analyze in Excel feature	267
		289
42	Choose when to use a paginated report	90
	Enhance reports for usability and storytelling	
43	Configure bookmarks	47
44	Create custom tooltips	52
45	Edit and configure interactions between visuals	33
46	Configure navigation for a report	50
		53
47	Apply sorting	45
48	Configure sync slicers	43
		44
49	Group and layer visuals by using the Selection pane	48
50	Drill down into data using interactive visuals	30
51	Configure export of report content, and perform an export	80
		289
52	Design reports for mobile devices	259
53	Incorporate the Q&A feature in a report	51
		263

**PL-300: Microsoft Power BI Data Analyst**  
As of 31 January 2023

	Identify patterns and trends	Video Number
54	Use the Analyze feature in Power BI	90
55	Use grouping, binning, and clustering	84
		86
56	Use AI visuals	85
		89
57	Use reference lines, error bars, and forecasting	81
		82
58	Detect outliers and anomalies	83
		85
59	Create and share scorecards and metrics	283
		284
		285
	Deploy and maintain assets (15–20%)	
	Create and manage workspaces and assets	
60	Create and configure a workspace	Part 4 Section 6
61	Assign workspace roles	275
62	Configure and update a workspace app	277
63	Publish, import, or update assets in a workspace	279
64	Create dashboards	Part 4 Section 4
65	Choose a distribution method	Part 4 Section 6
66	Apply sensitivity labels to workspace content	265
67	Configure subscriptions and data alerts	261
		266
68	Promote or certify Power BI content	278
69	Manage global options for files	Throughout Part 4
	Manage datasets	
70	Identify when a gateway is required	270
71	Configure a dataset scheduled refresh	271
72	Configure row-level security group membership	257
73	Provide access to datasets	254