

**PL-300: Microsoft Power BI Data Analyst**  
Up to 30 January 2023

	Prepare the Data (15-20%)	Video Number
	Get data from different data sources	Throughout Part 2
1	identify and connect to a data source	Throughout Part 2
2	change data source settings	Throughout Part 2
3	select a shared dataset or create a local dataset	Throughout Part 2
4	select a storage mode	159
5	use Microsoft Dataverse	164
6	change the value in a parameter	154
7	connect to a data flow	282
	Clean, transform, and load the data	Throughout Part 2
8	profile the data	86
		151
		152
9	resolve inconsistencies, unexpected or null values, and data quality issues	109
		152
10	identify and create appropriate keys for joins	112
11	evaluate and transform column data types	109
12	shape and transform tables	Throughout Part 2
13	combine queries	112
		113
		114
		115
14	apply user-friendly naming conventions to columns and queries	104
15	configure data loading	169
16	resolve data import errors	144
		Throughout Part 2

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	Model the Data (30—35%)	Video Number
	Design a data model	
17	define the tables	175
18	configure table and column properties	175
19	design and implement role-playing dimensions	237
20	define a relationship's cardinality and cross-filter direction	175 176
21	design a data model that uses a star schema	212
22	create a common date table	236
	Develop a data model	
23	create calculated tables	235
24	create hierarchies	69
25	create calculated columns	Throughout Part 3
26	implement row-level security roles	255 256 257
27	use the Q&A feature	51
	Create model calculations by using DAX	Throughout Part 3
28	create basic measures by using DAX	Throughout Part 3
29	use CALCULATE to manipulate filters	217
30	implement Time Intelligence using DAX	Part 3 Level 7
31	replace implicit measures with explicit measures	Throughout Part 3
32	use basic statistical functions	Part 3 Level 2
33	create semi-additive measures	230
34	use quick measures	79
	Optimize model performance	
35	remove unnecessary rows and columns	103 104
36	identify poorly performing measures, relationships, and visuals	238 239 241
37	reduce cardinality levels to improve performance	240

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	Visualize and Analyze the Data (25—30%)	Video Number
	Create reports	Throughout Part 1
38	add visualization items to reports	Throughout Part 1
39	choose an appropriate visualization type	Throughout Part 1
40	format and configure visualizations	Throughout Part 1
41	use a custom visual	62
42	apply and customize a theme	31
		280
43	configure conditional formatting	75
44	apply slicing and filtering	41
		42
		43
		44
45	configure the report page	Throughout Part 1
46	use the Analyze in Excel feature	267
		289
47	choose when to use a paginated report	90
	Create dashboards	Part 4 Section 4
48	manage tiles on a dashboard	Part 4 Section 4
49	configure mobile view	259
50	use the Q&A feature	263
51	add a Quick Insights result to a dashboard	250
52	apply a dashboard theme	264
53	pin a live report page to a dashboard	262
	Enhance reports for usability and storytelling	
54	configure bookmarks	47
55	create custom tooltips	52
56	edit and configure interactions between visuals	33
57	configure navigation for a report	50
58	apply sorting	45
59	configure Sync Slicers	43
		44
60	group and layer visuals by using the selection pane	48
61	drilldown into data using interactive visuals	30
62	export report data	80
63	design reports for mobile devices	259

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	Identify patterns and trends	Video Number
64	use the Analyze feature in Power BI	90
65	identify outliers	83
66	choose between continuous and categorical axes	32
67	use groupings, binnings, and clustering	86
		84
68	use AI visuals	85
		89
69	use the Forecast feature	81
70	create reference lines by using the Analytics pane	81
	Deploy and Maintain Assets (20—25%)	
	Manage files and datasets	Part 4 Section 5
71	identify when a gateway is required	270
72	configure a dataset scheduled refresh	271
73	configure row-level security group membership	257
74	provide access to datasets	254
75	manage global options for files	Throughout Part 4
	Manage workspaces	Part 4 Section 6
76	create and configure a workspace	Part 4 Section 6
77	assign workspace roles	275
78	configure and update a workspace app	277
79	publish, import, or update assets in a workspace	279
80	apply sensitivity labels to workspace content	265
81	configure subscriptions and data alerts	261
		266
82	promote or certify Power BI content	278