DP-700: Implementing Data Engineering Solutions Using Microsoft Fabric
January 2025, updated as of 21 April 2025

	Implement and manage an analytics solution (30–35%)	Included in DP-600 exam?
	Configure Microsoft Fabric workspace settings	
1	Configure Spark workspace settings	
2	Configure domain workspace settings	
3	Configure OneLake workspace settings	
4	Configure data workflow workspace settings	
	Implement lifecycle management in Fabric	
5	Configure version control	Yes
6	Implement database projects	
7	Create and configure deployment pipelines	Yes
	Configure security and governance	
8	Implement workspace-level access controls	Yes
9	Implement item-level access controls	Yes
10	Implement row-level, column-level, object-level, and folder/file-level access controls	Yes
11	Implement dynamic data masking	
12	Apply sensitivity labels to items	Yes
13	Endorse items	Yes
13a	Implement and use workspace logging	
	Orchestrate processes	
14	Choose between a pipeline and a notebook	
15	Design and implement schedules and event-based triggers	
16	Implement orchestration patterns with notebooks and pipelines, including parameters and dynamic expressions	
	Ingest and transform data (30–35%)	
	Design and implement loading patterns	
17	Design and implement full and incremental data loads	
18	Prepare data for loading into a dimensional model	
19	Design and implement a loading pattern for streaming data	
	Ingest and transform batch data	
20	Choose an appropriate data store	Yes
21	Choose between dataflows, notebooks, KQL, and T-SQL for data transformation	Yes
22	Create and manage shortcuts to data	
23	Implement mirroring	
24	Ingest data by using pipelines	Yes
25	Transform data by using PySpark, SQL, and KQL	Yes, for SQL/KQL
26	Denormalize data	Yes
27	Group and aggregate data	Yes
28	Handle duplicate, missing, and late-arriving data	Yes, for duplicate and missing

		Included in DP-600 exam?
	Ingest and transform streaming data	
29	Choose an appropriate streaming engine	
29a	Choose between native storage, followed storage, or shortcuts in Real-Time Intelligence	
30	Process data by using eventstreams	
31	Process data by using Spark structured streaming	
32	Process data by using KQL	
33	Create windowing functions	
	Monitor and optimize an analytics solution (30–35%)	
	Monitor Fabric items	
34	Monitor data ingestion	
35	Monitor data transformation	
36	Monitor semantic model refresh	
37	Configure alerts	
	Identify and resolve errors	
38	Identify and resolve pipeline errors	
39	Identify and resolve dataflow errors	
40	Identify and resolve notebook errors	
41	Identify and resolve eventhouse errors	
42	Identify and resolve eventstream errors	
43	Identify and resolve T-SQL errors	Yes
	Optimize performance	
44	Optimize a lakehouse table	
45	Optimize a pipeline	
46	Optimize a data warehouse	
47	Optimize eventstreams and eventhouses	
48	Optimize Spark performance	
49	Optimize query performance	Yes