Question for DP-200 (December 10, 2020)

- What is the DP-200 exam duration?
  - Out of 210 minutes, 180 minutes are there to answer 46 questions.
- Can we write all languages in the same shell in Databricks?
  - Yes. You can use magic commands to change the language
- Will add questions in DP exams be multiple choice or subjective as well?
  - You will get multiple choice, drag and drop and fill-the-blanks questions
- How to schedule Databricks jobs?
  - See https://docs.microsoft.com/en-us/azure/databricks/jobs
- Which languages are better to use with Databricks?
  - All the same. Depends on your preference. You can use SQL, Python, Scala and R
- Is the Databricks cluster available within the Azure cloud?
  - You can access the cluster by navigating to the Databricks workspace panel.
- Can we use other files types to create Synapse external tables?
  - Yes, You can use other files such as JSON, AVRO, CSV and Parquet
- How is the performance of Synapse external tables on bigger datasets?
  - It is always a good idea to bring frequently accessed data into Synapse. So, create your external table, import the data and use it as local Synapse tables.
- Can you migrate on-prem SQL data warehouses into Azure Synapse?
  - Yes. There are several products for this. Also see https://azure.microsoft.com/en-us/resources/videos/ignite-2018-migrating-to-azure-moving-from-on-premises-sql-server-and-oracle-databases-to-azure/
- Is it possible to autoscale DWU units meaning when a ;arge job maximizes DWU when low less DWU?
  - Not with SQL Pools. You can use the serverless pool for this. Serverless SQL databases are already available in Azure SQL Database so I assume we will see them in Synapse at some point.
- earlier question was related to azure stream analytics. though job was running for some time, we did not see the file getting generated in blob storage. hence was wondering any kind of buffering caching is been done at stream analytics job before it start writing the json file to blob storage. second question was related to file type written to blob storage. can we change the multi line json file based on size, change the file to avro or any other format?

- Please see the following:
  - https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-parsing-json
  - https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-define-outputs
  - https://docs.microsoft.com/en-us/azure/stream-analytics/blob-storage-azure-data-lake-gen2-output
    - Minimum rows & Maximum time (this is for buffering)