Use random customers data to perform following steps.

Step1: Load sample customers data into ADLS Gen2

Step2: Make connection between ADLS Gen2 and Databricks

Step3: Create managed delta table (not external table) and load data into it.

Step4: For reading files formats like AVRO, PARQUET, ORC &DELTA use CTAS to load data.

Step5: For reading files formats like CSV, TSV, JSON, XML,XLSX, TXT create a Temporary View First with the Customer Data Schema and then load the data. Then use CTAS to create the Delta Table using the Temporary View as a source.

NOTE:

As part of Data Validation, verify that the every Delta table created has 500 rows of Customers data. Try to create one generic function to achieve the same as part of Code optimization