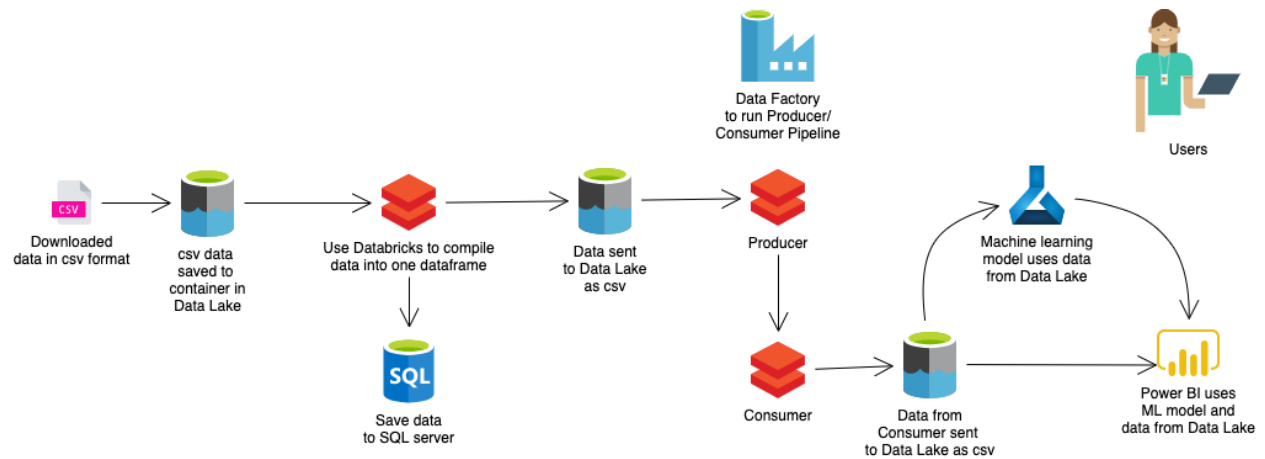


Data Platform

October 29, 2021



Steps

1. Download data in CSV format.
2. Upload the CSV data to a container in the Data Lake.
3. Use Databricks to compile the data into one dataframe.
4. Send the data to the Data Lake as a CSV and save the data to the SQL server.
5. Start the Producer stream.
6. Once the Producer stream is completed, start the Consumer.
7. Send the data from the Consumer back to the Data Lake as a CSV.
8. Develop a machine learning model from the data.
9. Use Power BI to create visualizations from the data and machine learning model.