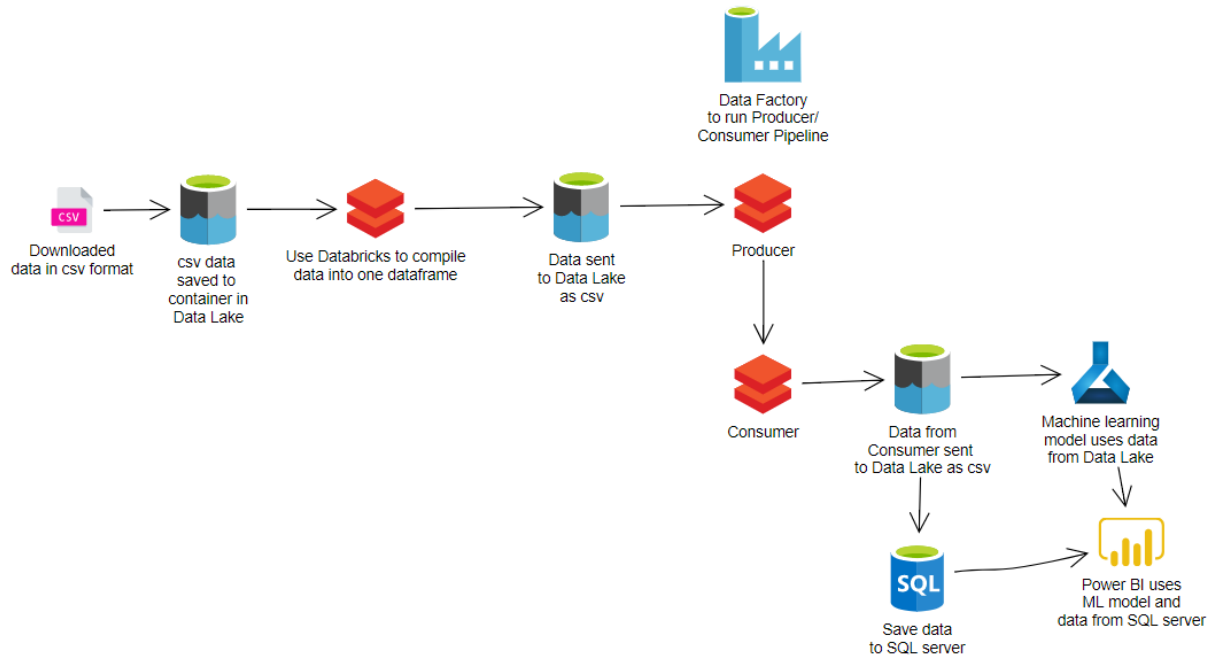# Data Platform
October 29, 2021

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.
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. Save the data to the SQL server.
9. Develop a machine learning model from the data.
10. Use Power BI to create visualizations from the SQL data and machine learning model.