## Scaling The Prototype

Capstone Step 6

## **Process Updating ETL to Spark**

This process was quite more involved than it had to be. The main steps of the approach included:

1. Attempting and ultimately failing to debug Azure Toolkit aztk.

This repository, prescribed by the project instructions, has become obsolete.

The technical details of the issues are documented in **development\_notes.txt** 

- 2. Opted to use Azure Databricks instead of aztk.
- 3. Created Azure Blob Storage Container

Uploaded data to blob container

Configured entitlements of new **Databricks Cluster** to read from blob container.

4. Created notebook pyspark\_pipeline\_nbook.ipynb in Databricks with Pyspark kernel to load data from Azure blob storage.

Translated code from Step 5 from Python to Pyspark.

Observed noticeable speed improvement from locally deployed python script.

## **Databricks Spark Notebook**

