# EBay Online Sales

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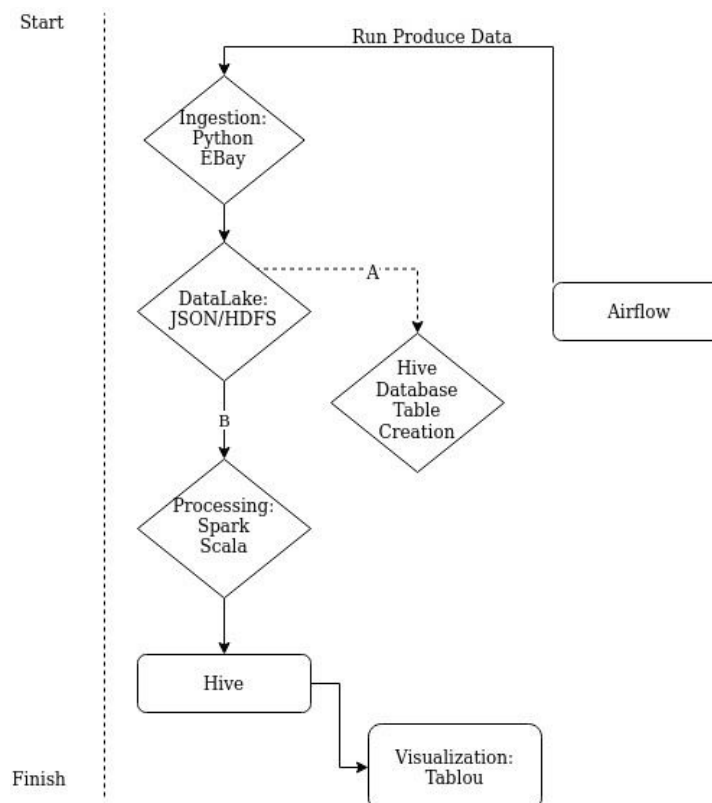
# Overview

In the past two decades online sales have risen to unbelievable heights in sales. Companies like Apple, Samsung, Verizon,AT&T, and LG have made electronics consumable non-durable goods. It's become the norm for people to upgrade phones every year or two, so much so that phones have reached prices that are twice as much as the original Iphone. This has led to an increased secondary market sales like Ebay.

# Goals

1. Show popular Sales.

2. What are the popular cell phone devices for sale?

3. What are the average sales for Samsung and Apple devices?

4. Have usable data that can be run through algorithms.

# Specifications

# Timeline

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| Week 1 | Airflow Automation -Bash Commands | Igestion: Raw-Data ~1,000 Records | Igestion: Store files Directly to HDFS | Processing: Query the Data Frame made from JSON. | Processing: Perform joins and column creation. |
| Week 2 | Data Warehouse: Store data frames directly to hive after processing | Data warehouse: Create 4 Queries for the data. | Data warehouse: Troubleshoot. | Tablou the data | Safety net |