Model Training

Data Ingestion

Retrieve historical Data
2020-01-02 to 2021-10-31

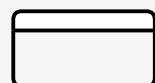**Twitter API**

Finance API

Filter only verified accounts and
most popular tweets per day
(300K tweets)

Google Cloud Platform

Tweets Table

BigQuery

Bitcoin Price Table

Feature
Engineering

Training Table

Training Table

**Natural
Language API**

Join Bitcoin Price Table and Tweets Table

Model Training

Binary Classification Models

Linear Models

Decision Trees

Ensemble Models