Historical Dataset

Output model.pt

Model.py

Various JSON files

Compute Engine

ML Batch processing code

Create a dataset from scrappers

QUERY PARSER

CORE SEARCH ENGINE

FILTER

DISPLAY

QUERY GENERATION

USER INTERFACE

POST/ Predict

GET

Web APIs

Shared batch predict code modules

App Engine

New Article

Scraper

Facebook

Scraper

Twitter

Scraper

Streamlit

Feature Extractor

Trained Model

**Production**

**Development**

Streamlit/Scrappers

Training Data

Feature Extractor

Model Builder