


Track 2: Forex problem

AMBAREESH REVANUR

Team: One man Army :p

 @revanurambareesh/forexInsights

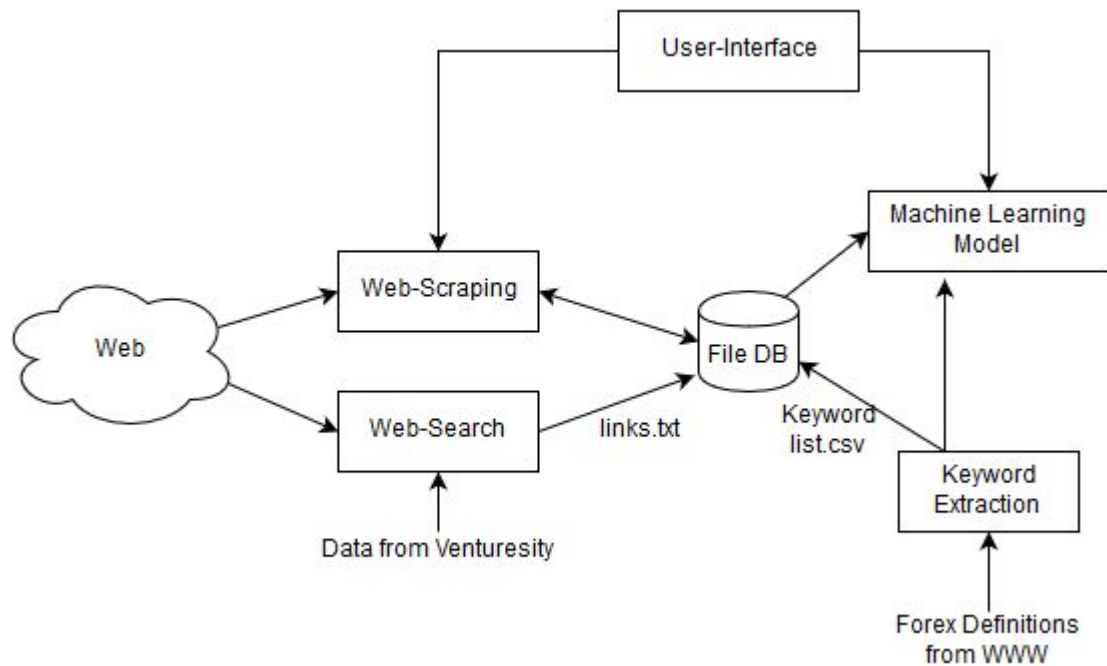
 @revanurambareesh

 <https://in.linkedin.com/in/ambareeshr>

Components

- Qt based User Interface
- Dataset creation
 - Web Scraping and Web Searching
- NLP to get keywords (as features)
- Machine Learning model
 - Learn based on scraped data
 - Predict if a company is likely to opt for forex or not
- Insights of company

Overview



Python 2.7

User Interface

Qt

Insights

Web Scraping

Scrapy + Google CSE

Google CSE is a reliable engine that provides top 10 search results.

Each of this is scraped using Scrapy.

Training Model

Scikit-Learn

Two model are learnt: Naive Bayes & Nearest Cluster Centroid