

Frequency Pattern Mining

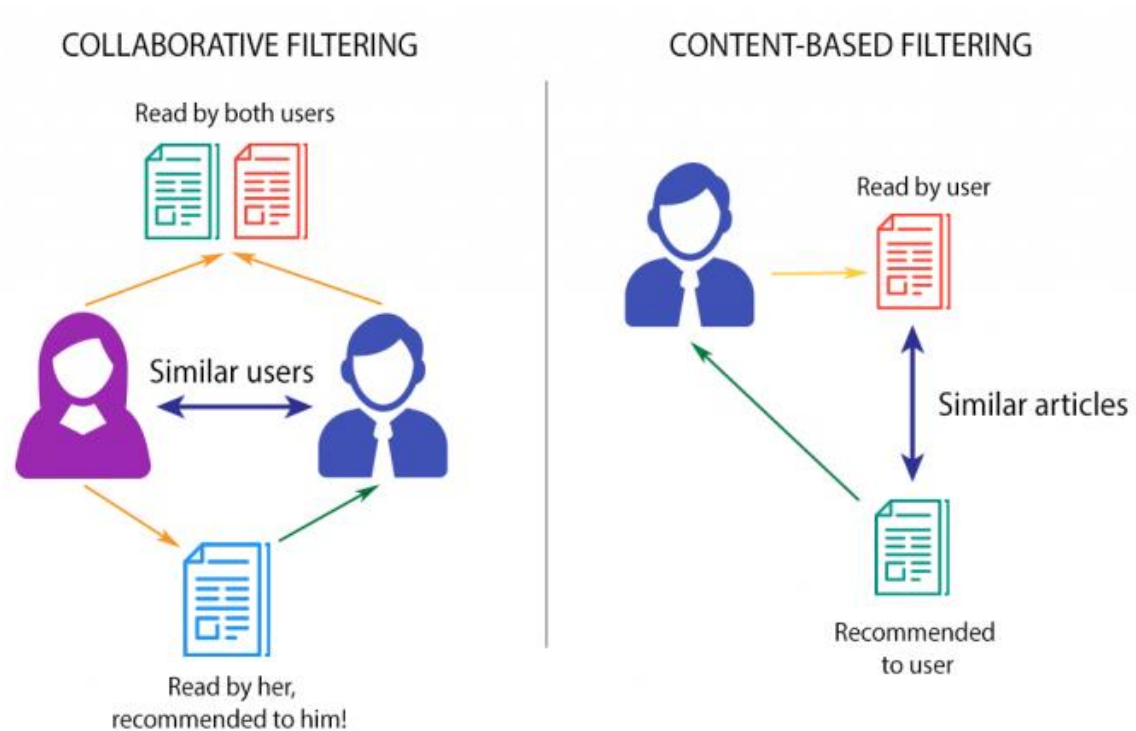
Summary:

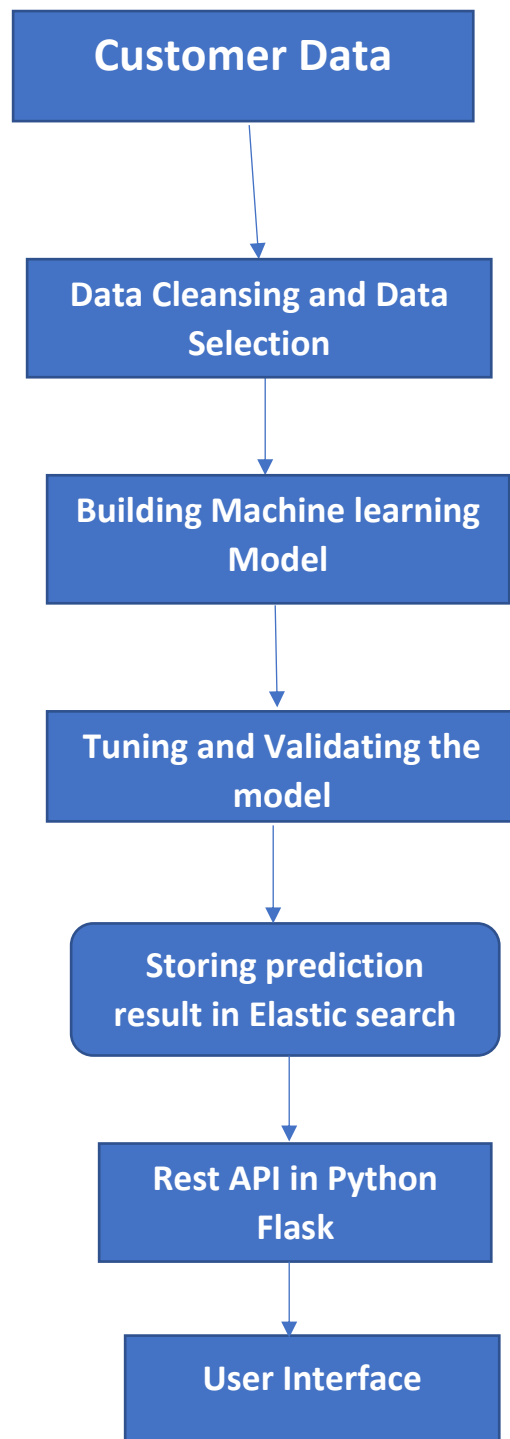
This document serves as the implementation plan and defines the scope of Recommending relevant products for user with high accuracy and Time series forecasting of data based on Machine Learning and Pattern Mining/Collaborative filtering. Our Back End Rest API written in flask, will give recommendation based on Prediction result sorted in ElasticSearch

Tools & Language used:

- Apache Spark
- Python
- Scala
- Matplotlib
- Numpy
- Pandas
- ElasticSearch
- Flask
- JSON

Technical Architecture:





Feasibility:

Technology: Final end Data stored in elasticsearch ,from which we can easy access to frontend like mobility and web technology. Our software stack are all open source and we used it on demand.

We can host rest api server and backend flow in micro service architecture.

