



Friend Affinity Finder

Team Name - Missing Semicolon

Team Details

Team Name - Missing Semicolon

Team Size - 1

Team Members



Name - Shri Saran Raj N

Role In This Project

Front End

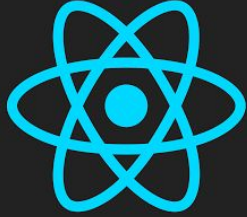
Back End

Expertised In

Full Stack Web Applications

Mobile Applications (React Native)

Technology Stack



Front End -
React



Back End -
Flask



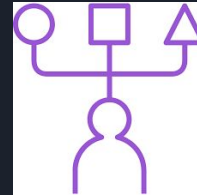
Tweepy - Twitter API For
Python



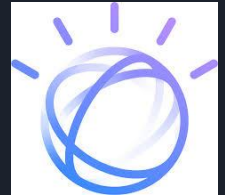
PRAW -
Reddit API



SciKit Learn For ML Model And Predicting

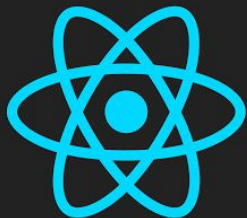


Watson Personality Insights



Watson NLU

UI/UX Design:



Front End -
React

Built encapsulated components that manage their own state, then compose them to make complex UIs.

Packages Used

- Material UI
- Chart JS

Concepts Used

- Context API



Collecting
User Credentials

FrontEnd



Flask

Data Collection



Collecting Twitter Data



Collecting Reddit Data

Data Analysis And Prediction



Personality Insights



Natural Language
Understanding

Calculating the characteristics of the user



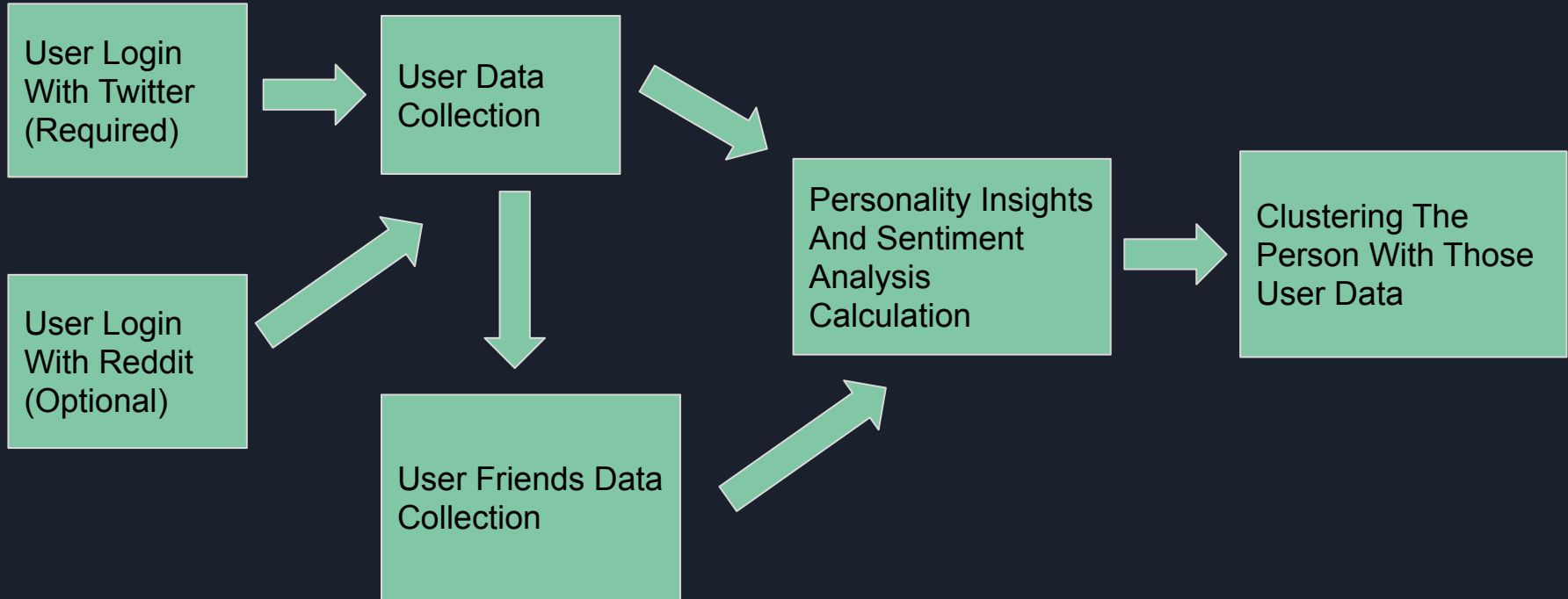
K-MEANS
CLUSTERING

Classifying the user

Backend

Architectural
Diagram

Flow Diagram





Prototype Links

Video Demo URL - https://youtu.be/pMVTG3_YnrQ

GitHub URL - <https://github.com/saranrajshri/IBM-Hack-Challenge-2019>