Twitter Friend Data Analysis

# Overview

This project analyzes Twitter friend data to gain insights into users' followers and sentiment. The dataset used in this analysis was obtained from Kaggle and includes information such as user ID, screen name, number of followers and friends, tweet text, and sentiment score.

# Requirements

To run this project, you will need the following software installed on your computer:

* Python (version 3.7 or higher)
* Jupyter Notebook
* Pandas
* Numpy
* Matplotlib
* Plotly
* TextBlob

# Installation

1. Install Python: <https://www.python.org/downloads/>
2. Install Jupyter Notebook: <https://jupyter.org/install>
3. Install required packages:

* Pandas: **pip install pandas**
* Numpy: **pip install numpy**
* Matplotlib: **pip install matplotlib**
* Plotly: **pip install plotly**
* TextBlob: **pip install textblob**

# Usage

1. Download the Twitter friend dataset from Kaggle: <https://www.kaggle.com/hakkisimsek/twitter-friend-data>
2. Extract the downloaded file and save it in the same directory as the Jupyter Notebook file.
3. Open Jupyter Notebook and navigate to the directory where the Notebook file and dataset are saved.
4. Open the Notebook file and run the cells in order to load, clean, analyze, and visualize the data.
5. Modify the code as needed to add new analyses or customize existing ones.

# Output

The output of this project is a series of data visualizations and statistical analyses of the Twitter friend data, including histograms, scatter plots, and regression models. These outputs can be used to gain insights into users' followers and sentiment on Twitter.

Top of Form