Final Project Report – US Election 2020

* 1. **Introduction:**

Recently, US 2020 Elections were held, and the main contestants were Joe Biden from Democratic party and Donald Trump from Republican Party. I wanted to do an Analysis on Twitter data to get result of who will be the possible winner of US 2020 Elections.

* 1. **Problem Statement:**

1. Is Trump liked more or Biden?
2. Trump vs Biden Tweet count in India?
3. Trump or Biden, who has more positive tweets?
   1. **Related Work:**

* 1. **Methods:**

Tools used –

* + - I worked with Python Programming Language in IDE Google Colab. I used Pandas for Reading the Data set and also for Data Transformation, NumPy also for data Transformation. Matplotlib for Data Visualizations.

Load Data –

* + - First, I loaded the Two data sets “Trump Data”, “Biden Data” into two different data frames.

Data Cleaning and Transformation –

* + - I drop () function to drop few columns in the data set as they were not useful for my analysis.
    - I used loc [] method to get only the data of Trump in Trump Dataset and Biden in Biden Data set.
    - I used Concat () method to mix both the data frames into one data frame.
    - I used Sort\_values () method to sort the data frame on the column “created\_at” in ascending order.

Data Visualization –

* + - Xtick () function is used in bar plot to keep labels in x axis. Here I used Xticks for labeling Donald Trump and Biden on x-axis.
  1. **Results:**
  2. **Discussion:**

What has the audience learned about visualization from your work?

* 1. **Future Work:**
  2. **References:**
  3. <https://medium.com/swlh/data-visualization-us-election-2020-a3d3531b611c>

Chart, funnel chart

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Chart, funnel chart

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Chart, pie chart

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