CAPSTONE REVIEW-2

TWEET CLASSIFICATION AND TREND DETECTION USING NLP

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Outline:

- Objective
- Methodology
- Project Timeline
- Algorithms and Implementation
- Next Step.

OBJECTIVE:

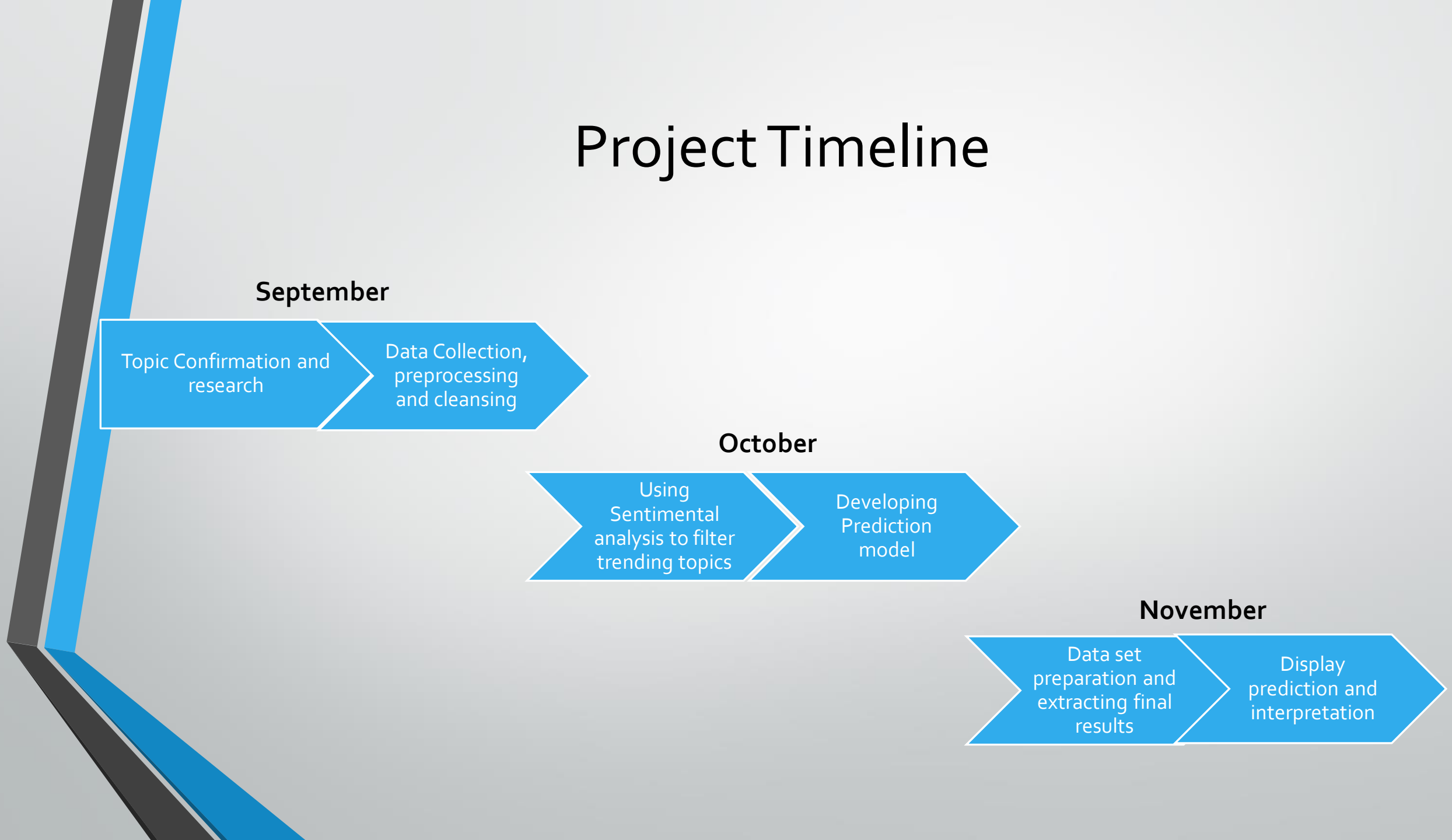
- This research project has 2 objectives:

1. To develop a prediction model based on data extracted from twitter- Prediction of US Election results based on a limited dataset of tweets from twitter
2. To develop a trend detection algorithm and present its statistical representation- detection of reviews and public feedback on famous tags like #endgame(Avengers Endgame).

METHODOLOGY

- The methodology can be given in 3 parts:
- Dataset Creation- scraping replies of tweets done by both the runners using **Python.**
- Data Analytics- analyzing data and cleaning of text which isn't returning any meanings and applying our algorithm for classifying text into either positive sentiments or negative sentiments.
- Data Visualization- comparing and presenting the data to give a clearer view and deduce results.

Project Timeline



Next Step:

- With the completion of data collection, data set preparation and data cleansing. The Next task is to analyze the data and develop an algorithm to classify them in terms of positive, negative and neutral.
- Followed by visualizing the results of analytics and presenting them in a user friendly format using graphs and pie-charts, thus helping them deduce results.

Thank You