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**MINI PROJECT REPORT**

**On**

**TWITTER DATA ANALYSIS**

## Submitted By

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## CERTIFICATE

This is to certify that the project work titled “**TWITTER DATA VISUALIZATION**" submitted to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY,** in partial fulfillment of the requirements for the award of the completion of 6th semester of B.E. in Information Technology, during the academic year 2019, is a record of original work done by **V. HYNDAVI (160116737066)** and **N. SAI NIKHITA (160116737076)** during the

period of study in Dept. of IT, CBIT, HYDERABAD, under our supervision and guidance.

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## DECLARATION

This is to certify that the work reported in the present report titled “**TWITTER DATA ANALYSIS**” is a record of work done by us in the Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad.

No part of the report is copied from books / journals / internet and wherever the portion is taken, the same has been duly referred. The reported results are based on the project work done entirely by us and not copied from any other source.

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# ABSTRACT

Google Trends recently released an interactive map that shows where searches for #MeToo are trending i.e. areas that have the highest interest in the movement. The map also highlights the top five cities wherein the #MeToo movement has been searched the maximum on any given day on the map’s homepage, allowing users to click on the city and read complete coverage of the movement dating back to last fall. It gained importance only because it was visualized effectively. Otherwise no one would bat an eye.

The abundant availability of the social media data offers the end users to understand different social dynamics. The exponential growth in the volume, velocity and variability prevents the people from fully utilizing the data where in Visual Analytics comes into picture to understand large scale structured and unstructured social media data.

In this project we will be dealing the current ongoing issues and popular trends to analyze and visualize their outcome in 3-dimensional way. For example, after the presidential election in US there was a difference in opinion among people about Mr. Donald Trump regarding many issues like granting VISA, not allowing part time jobs for non locals, not allowing immigrants etc. We can analyze and visualize the opinion of people on the decisions taken using the tweets of people about him around the world.

The UI of our app consists of a 3D spinning globe which will visualize the current trend through points of lights. These points represent the locations where most people are searching about the trend in real time. When the user clicks any country the globe is centralized with the country map zoomed showing all the states visualizing their opinion (i.e how positive or negative they are on that topic) in different colors.

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