**MEMES DETECTION IN SOCIAL MEDIA**

**CSI HACKATHON IIT-G**

**PROJECT IDEA**

**SUBMITED BY**

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**OBJECTIVE:**

OUR AIM IS TO DEVELOP A HIGHLY SOPHISTICATED MECHANISM WHICH USED TO CLASSIFY THE MEMES SO THAT I CAN REDUCE THOSE MEMES WHICH SUPPORT WRONG ACTIVITY. THESE MEMES SHOULD BE DISCARDED WHEN UPLOADED BY USERS ON SOCIAL MEDIA BECAUSE MOST OF STUDENT ARE INFLUENCE BY THESE MEMES AND DO WRONG ACTIVITY IN SOCIETY. SO THAT STUDENT GET RIGHT INFORMATION AND UTILIZE TIME IN RIGHT WAY AND CREATIVE THINKING.

**STATEMENT OF PROBLEM:**

* NOW A DAYS, SOCIAL MEDIA IS POPULAR PLATFORM TO GET INFORMATION WHICH IS GOING ON REAL WORLD. BUT MOST OF PEOPLE POST WRONG NEWS AND INFORMATION. THESE WRONG INFORMATION IS VERY DANGEROUS FOR SOCIETY AND MAY CREATE A VERY BIG PROBLEM.
* IN MOST OF SOCIAL MEDIA WEBSITE, THERE ARE A LOT OF MEMS ARE POSTED BY USERS WHICH MAY GOOD AND MAY NOT BE GOOD. MOST OF YOUTH ARE SPEND TIME ON SOCIAL MEDIA. IF I ALLOW TO DO WRONG ACTIVITY THEN IT’S CREATE PROBLEM.
* SO WE ARE GOING TO BUILD AN AUTOMATIC MECHANISM BY THE HELP OF ARTIFICIAL INTELLIGENCE WHICH CAN ITSELF DETECT AND STOP TO POST IN SOCIAL MEDIA.

**TECHNICAL DETAILS:**

DEEP LEARNING

* PERFORM EDA (EXPLORATORY DATA ANALYSIS).
* CREATE MODEL USING NATURAL LANGUAGE PROCESSING (NLP) MODEL.
* TRAIN THE MODEL USING IMAGE DATASET AS WELL AS TEXT.
* EVALUATE THE MODEL.
* PREDICT THE MODEL USING TEST IMAGE.

API

* AWS TEXTRACT.
* BOTO3

BASIC LIBRARIES

* TENSORFLOW
* KERAS
* OPENCV-PYTHON
* NUMPY
* MATPLOTLIB

**INNOVATIVE AND COMPETITIVE ADVANTAGES**

* SOCIAL MEDIA’S USER GET MORE CORRECT INFORMATION AND AVOID TO WRONG ACTIVITY WHICH IS POST BY END USER.
* YOUTH GENERATION WILL GO IN RIGHT WAY TO UTILIZE OWN INTEREST AND AVOID DISTRACTION FROM OTHERS.
* IT HELP TO DETECT THOSE USER WHICH POST WRONG MEMS ON SOCIAL MEDIA.
* IT HELP TO SAVE THE TIME.
* YOUTH WILL DO RIGHTY ACTIVITY AND EXPLORE THE KNOWLEDGE IN OWN DOMAIN.
* IT HELPS TO REDUCE THE WRONG ACTIVITY OR INFORMATION IN SOCIAL MEDIA.
* HERE, WE CAN CLASSIFY THE MEMES WHICH SUPPORT IT LIKE COMEDY, POLITICAL, TERRORIST AND SO ON. SO THAT ACCORDING TO THE TYPE OF MEMES WE CAN DECIDE THAT IT CAN GO ON SOCIAL MEDIA OR NOT.