

Mini Project Topics for BTech(CSE with Machine Learning) – 3rd Sem Students

Note1: Choose any one topic

Note2: Contact the Resource Person only if you need advice on things like dataset, suitable tools etc. Resource persons will NOT advice you in any way in the coding/implementation part. Mini Project is purely a self-study and self-implementation topic.

SI No 1-4, Resource Person: Dr. Rahul Nijhawan
1. Emojify – Create your own emoji with Python or any other platform (Use: Python, matlab or C++)
2. Fake News Detection Project (Use: Python, or matlab) Dataset: https://drive.google.com/file/d/1er9NJTLUA3qnRuyhfzuN0XUsoIC4a-_q/view
3. Personality Prediction Project (It divides a person into 16 distinct personalities based on introversion, intuition, thinking and perceiving capabilities. We can identify the personality of a person from the type of posts they put on social media.) Dataset link: https://www.kaggle.com/datasnaek/mbti-type
4. Sentiment Analysis using Machine Learning (Sentiment analysis is the process of analyzing the emotion of the users. We can categorize their emotions as positive, negative or neutral.) Dataset: http://ai.stanford.edu/~amaas/data/sentiment/
SI No 5-8, Resource Person: Sharad Gupta
5. Sequential Outlier Detection based on Incremental Decision Trees
6. An Incremental Local Outlier Detection Method in the Data Stream
7. Signature identification using stroke based features
8. Information retrieval
SI No 9-13, Resource Person: Vikas Tomer
9. Insurance fraud prediction
10. Sales Forecasting using Walmart Dataset
11. Predicting Wine Quality using Wine Quality Dataset
12. Housing Price Prediction ML Project
13. Predicting Bike Sharing Demand