

Mini Project Topics for BTech(CSE with Data Science) – 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 1-5, Resource Person: Vikas Tomer
1. Insurance fraud prediction
2. Sales Forecasting using Walmart Dataset
3. Predicting Wine Quality using Wine Quality Dataset
4. Housing Price Prediction ML Project
5. Predicting Bike Sharing Demand
SI No 6-10, Resource Person: Dr. Vishan Kumar Gupta
6. Covid-19 cases (Confirmed, Death, and Recovery) prediction in India in future on the dataset which is available on Kaggle and https://www.covid19india.org/ .. using Random forest model.
7. Deep learning-based classification model for COVID-19 disease from Chest CT Images.
8. Activity prediction of drug molecules of Estrogen receptor using Physico-chemical properties and machine learning models.
9. Ensembling (Bagging and Boosting) of different classification model for accuracy enhancement.
10. Predict Wine Preferences using Wine Quality Dataset Using R (Multi-Class Classification)
SI No 11-12, Resource Person: Manish Mahajan
11. Analysis of Air Quality Data for Designing Effective Measures to counter Air Pollution - The Air Quality Data is provided by the various Govt and Private bodies. The data needs to be analysed so that a effective strategy to counter the air pollution can be devised.
12. Incremental Analysis of Temporal data for effective decision making - By using statistical methods in collaboration with machine learning algorithms to analyse the time series data incrementally.