Ankit Bansal

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SKILLS

PROGRAMMING
Python
SQL
JavaScript, HTML, and CSS
React.js
Flutter, Dart

MACHINE LEARNING AND DATA SCIENCE

Exploratory Data Analysis
Regression
Support Vector Machines
K-Nearest Neighbors
Decision Trees
Statistics

SOFTWARE

PostgreSQL
Google colaboratory
VS code
Git and Github
Android-Studio

EDUCATION

B. TECH
Computer Science and Engineering
Government Engineering College, Bilaspur
August 2016 - May 2020

LINKS

Github:// **ankit986**
LinkedIn:// **ankitbansal1412**
Portfolio://
https://ankit986.github.io/portfolio/

EXPERIENCE

ZIMETRICS TECHNOLOGIES PVT. LTD. | Software Engineer - 1
November 2020 - January 2022 | Pune, India
- Worked in a team of 15 members to develop flutter app.
- Implemented BLOC on already developed app and seperated the UI layer from the business logic layer and Performed BLOC and widget testing.
- Worked on a customized automation framework to perform automation on flutter project.
- Used javascript to implement libraries to perform navigation on app through script.

PROJECTS

NEWS POPULARITY PREDICTION
https://github.com/ankit986/News-Popularity-Prediction
- Predicted Popularity of various news topics (namely Obama, Microsoft, Economy and Palestine) on different social media platform (Facebook, LinkedIn and GooglePlus).
- Led quantitative analysis to identify and compare the popularity level of news items on the three social media platforms and also observed the trend of popularity level based on sources and topics.
- Used different tuning methods like GridsearchCV, RandomizedSearchCV and HalvingRandomizedSearchCV to perform hyperparameter tuning on different ML algorithms.
- The model is being trained on 5 different regression ML algorithms i.e. Decision Tree Regression CatBoost LightGBM GradientBoosting KNN

HEALTH INSURANCE CROSS SELL PREDICTION
https://github.com/ankit986/HEALTH-INSURANCE-CROSS-SELL-PREDICTION

- Perform churn prediction on a dataset which contains information about vehicle insurance company like demographics , Vehicles , Policy etc.
- Performed data exploration, data pre-processing, normalization, standardization and model tuning.
- Utilised Plotly, Matplotlib and Searborn libraries to perform visualisation and to better understand the data.
- Used 3 ML algorithms namely decision tree, Support Vector Machine, and Bayes Networks to predict best churn factor.

IPL T20 CRICKET ANALYSIS
https://github.com/ankit986/IPL-T20-Cricket-Analysis
- Exploration and analysis of the data to discover results and statistics for different teams playing in Indian Premier League.
- Worked with 5 diferent datasets to explore and analyze the data and plot different graphs using matplotlib, seaborn and plotly.
- The whole analysis was divided into three main parts - Match-wise Team analysis, Season-wise Team analysis, and Entire IPL analysis.