

Shubham Mahajan

Entry Level Data Scientist

Innovative and scientifically rigorous recent graduate with a significant data science internship experience to bring to the table. With a team-oriented attitude, I am eager to contribute my abilities in quantitative modeling and experimentation to enhance the experience with data science around the world.

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📅 21 September, 1997

🐙 github.com/shubhamshubs

EDUCATION

Engineering

Genba Sopanrao Moze College of Engineering.

08/2019 - 05/2022

84.55%, Pune

SPPU

- Information Technology.

PROJECTS

Telecommunication companies churn Project (12/2022 - 01/2023)

- Customer churn is a big problem for telecommunications companies. we found out their annual churn rates are usually higher than 10%.
- So we model churn probability, conditioned on the customer features.
- Followed complete project life cycle including EDA, Data preprocessing, outlier handling, Feature Selection, Model Building, Model Evaluation, Deployment, etc.
- With different Visualization technique understand data insights.
- used different feature selection like Pearson Correlation Method and Chi-Square Method.
- used multiple models like (Logistic Regression, KNN, Random Forest, Decision Trees, Naive Bayes, XGBoost, etc) to find the best accuracy.
- also as data seemed imbalanced we used Undersampling, oversampling, SMOTEK.
- Finally deployed the model using streamlit.

AUTOMATIC TIMETABLE GENERATOR USING GENETIC ALGORITHM.
(B.E. Project). (2021 - 04/2022)

- Used genetic algorithm a method for solving both constrained and unconstrained optimization problems that is based on natural selection.
- Genetic algorithm is a famous meta-heuristic that has been applied to many difficult combinatorial optimization problems which incorporates scheduling lectures/classes. It avoids the complexity of putting and coping with Timetable manually.
- This project is an way to change the traditional system of generating timetable. With the help of Genetic Algorithm will be created Automatic Time Table Generator so that teachers will be able to generate timetable easily.

WORK EXPERIENCE

Internship

ExcelR Solutions

12/2022 - Present

pune

Achievements/Tasks

- Built compelling data stories and visualizations to influence decision makers.
- Cleaned and manipulated raw data.
- Worked alongside team members and leaders to identify analytical requirements and collect information to meet customer and project demands.
- Applied efficient models to solve the problem.
- Applied feature selection algorithms to predict potential outcomes.
- Maintained updated knowledge through continuing education and advanced training.

SKILLS

Python SQL Statistics

Data Preprocessing Powerbi

NLP ML Algorithms

Deep Learning Excel

Data Visualization

Artificial Intelligence

Supervised and Unsupervised Learning

Analytical Thinking and Problem Solving

CERTIFICATES

Data Science Certification at ExcelR Solutions (11/2022)

successfully completed Data Science Course with mandatory industrial requirements.

LANGUAGES

English

Full Professional Proficiency

Marathi

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Reading

Tech Surfing

Piano