NAGRAJ DESAI

Data Science

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PROFESSIONAL SUMMARY:

I am a B.Tech graduate studying Data Science at IIIT Bangalore along with that I write blogs on Medium. I'm skilled in data cleaning, analysing, deriving insights and creating Machine Learning models. I possess strong skills in problem-solving and communication. Currently seeking opportunities in Data Science.

EDUCATION:

Executive Post Graduation Programme in Data Science | Sep 2023 - Sep 2024

IIIT Bangalore & UpGrad .

B-Tech (Mechanical Engineering) | Jun 2019 - Jul 2023 | CGPA 8.94/10

Tatyasaheb Kore Institute of Engineering and Technology Kolhapur

SKILLS:

Technical skills: Python, SQL, Machine Learning, Deep Learning, Statistics, MySQL

Data Analysis skills: Data cleaning, Feature engineering, EDA, Data visualization, Hypothesis testing

Python Framework/Modules: Pandas, Numpy, Sklearn, Matplotlib & Seaborn

Tools: Power BI, MS Excel, Jupyter Notebook, Git & GitHub

Soft skills: Problem-solving, Communication

PROJECTS:

Lead Scoring GitHub

- The goal of this project is to find the most promising leads that are likely to convert into paying customers and target the conversion rate to be around 80% so that the sales team don't need to call all customers.
- Developed an ML model that assigns a score ranging from 0 to 100 to each customer and selected the customers with high chances of conversion.
- The lead conversion rate increased from 38% to 98% after finding the most promising leads.
- Technologies used: Python, Machine Learning, Pandas, NumPy, Matplotlib, Seaborn, Sklearn, Statsmodels, Logistic Regression

Credit Risk Exploratory Data Analysis GitHub

- This case study aims to identify patterns that indicate if a client has difficulty in paying their instalments.
- Cleaned, pre-processed and Analysed the customer's data to identify trends and patterns using statistical analysis, and visualization.
- Understood the driving factors behind loan defaulters. The company now can assess the risk to the customers and make business decisions like reducing the loan amount and increasing the rate of interest.
- Technologies used: Excel, Python, EDA, Pandas, Numpy, Matplotlib & Seaborn

Prediction of Fatigue Strength by using Machine Learning GitHub

- Calculating fatigue strength is very important because it is directly related to the safety of our infrastructure, but it is a very time-consuming and costly process.
- Developed an end-to-end machine learning web API that gives 93% accurate predictions on unseen data.
- The time and cost of fatigue testing are reduced drastically with this approach.
- Technologies used: Python, Machine Learning, Git, GitHub, Flask, Pandas, NumPy, Matplotlib, Sklearn

ACHIEVEMENT:

- Secured 1st rank in Navapravartya a National level project competition 2023.
- Attained the 6th position in University ranking in B.Tech 2023.

CERTIFICATES:

- Machine Learning Coursera, Deep Learning Coursera, Python, SQL, Data Science programming bootcamp Upgrad