Yadav Prasad G B

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Summary

I'm a passionate problem solver.I find immense joy in tackling code-related challenges on a daily basis.I'm open to fields which deals with managing data and analytics.As a student I know the importance of the field in this ever-evolving landscape of the industry and I will give my fullest commitment to any work I'm been assigned and would love to gain experience out of it.

Education

St. Joseph's Institute Of Technology, B.Tech in AI and Data Science [CGPA : 8.36]   Nov 2022– May 2026

Projects

SQL - Data Querying (Basics) GitHub

- Used SQL queries to filter large datasets and exported the dataset to Microsoft Excel for preprocessing and analysis. Currently practicing SQL query-related problems on LeetCode.

Excel - Business and Data Analysis (Basics) GitHub

- Worked on 20+ problem statements related to data analysis and business analysis, using data tools like Power Query, What-If analysis, Charts, and Data solver to solve arithmetic problems, building my problem-solving skills and gaining insights out of it .

Power BI - Goods Analysis in Tamil Nadu for Optimized Warehouse setup GitHub

- Used EDA, DAX queries, visualization tools, charts, and interactive tools to create an interactive dashboard for Walmart hackathon.Analysed the current goods market in Tamil Nadu to find optimal warehouse locations.
- Tools Used: Microsoft Power BI, Microsoft Excel

Machine Learning - SIH1740 GitHub

- Development of map-matching algorithm using AI-ML techniques to distinguish vehicular movement on highway and service road using LSTM model which calculates the next state using previous state
- Tools Used: Pytorch , Numpy , Pandas , Sckit-Learn

Machine Learning - Allocation of goods to different Warehouses GitHub

- I used machine learning to allocate specific quantities and types of crops to different warehouses based on factors such as location, soil type, crop type, and land area, aiming to meet the current market demand.
- Tools Used: XGBoost , Numpy , Pandas , Sckit-Learn

Technologies

Programming Languages: Python, Java, C, HTML, CSS, JavaScript

Analytical Tools: Excel, Power BI, SQL

Achievements

- SkillRack [2000+], LeetCode [300+] (Rating : 1545), CodeWars [300+]
- **MLSA Coding Contest** - III prize

Course Certificates

- **NTPEL** Python for Data Science
- **NTPEL** Introduction to Machine Learning-IITKGP