M S NOOTHANA PRASANNA

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Summary

With 2+ years of experience in Programming Python and a Data Scientist, I am proficient in solving complex problems using Machine Learning. My skill-set includes data cleaning, data manipulation, feature engineering, Machine Learning, Python, SQL and Cloud (Azure).

Professional Experience

Codenetix **Nov22 - Nov23**

Data Scientist *Bengaluru, India*

- Solved business problems using Machine Learning and Deep Learning.
- Worked closely with clients to understand their requirements & built solutions by continuously connecting with clients.
- Put models in production.

AG Studio **Sept 21 - Sept 22**

Computational Programmer *Bengaluru, India*

- Solved Design problems using python and Grasshopper.
- Worked on various parameters and parametric computational aspects to dynamic usage.
- Put models in production.

Technical Skills

Language/Libraries	Python, Pandas, Numpy, Matplotlib, Seaborn, BeautifulSoup, Sklearn, flask, pyspark etc
Prog. envt.	Jupyter Notebook, Pycharm, VS Code, Anaconda
Cloud	Azure, Azure AI, Cognitive Services, NLP - Azure LUIS
Visualization	PowerBI, Advanced Excel
Database	SQL
MLops	Zenml, Azure ML studio

Education

iNeuron **2022**

Data Science Full Stack Course *Remote, India*

The Oxford School of Architecture **2021**

Bachelors in Architecture *Bengaluru, India*

Major Projects

Real Estate - Machine Learning Property Value Estimation

* Developed a property value estimation model. Addressed business problems by analysing market trends, economic indicators, and historical property sales data.
* Implemented algorithms such as DecisionTreeRegressor for property value estimation. Conducted feature engineering and thorough data analysis to optimize model performance.
* Achieved an accuracy of 94% in property value estimation, enhancing decision-making processes in real estate transactions.

Supply Chain Project - Predicting Shipping Time and Freight Charges

* Supply Chain Project - Predicting Shipping Time and Freight Charges
* Implemented regression algorithms and considered vendor-specific factors for freight charge predictions.
* Successfully predicted shipping time and freight charges with 93% accuracy, optimizing supply chain operations and cost estimations.

Tourism - Budget Prediction and Hotel Cost Estimation

* Estimated travel budgets and hotel costs based on various factors.
* Regression & clustering algorithms are used for predicting hotel costs. Incorporated features such as location, amenities, and meal details for accurate budget estimations.
* Attained a 90% accuracy in predicting hotel costs, facilitating travellers in planning and budgeting for their trips effectively.

Azure AI Cognitive Services - Vision - Microorganism Detection

* Deployed models on Azure AI for microorganism detection in blood samples.
* Employed Azure AI Cognitive Services and trained models for accurate object detection. Utilized computer vision techniques for image analysis.
* Attained a high accuracy of 95% in detecting microorganisms, contributing to improved diagnostic capabilities in healthcare.

Crypto Currency Platform

* Using Computer vision to extract information for different user documents including driver's licenses, and passports for verification of KYC reducing time for the manual checking process.
* Able to achieve accuracy of 90%.