

K Vinodh Kumar

DATA SCIENTIST

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SUMMARY

A highly motivated and committed data enthusiast holding certifications in Advanced Programming Professional and Master Data Science from the Ed-tech company GUVI, incubated by IIT-M. Actively seeking an opportunity to apply my skills in data analysis, machine learning, SQL, and Python as a data scientist. I am enthusiastic about utilizing my expertise to contribute to both the company's advancement and my personal growth.

EDUCATION

IIT-M Advanced Programming Professional and Master Data Science

Guvi Geek Network Pvt. Ltd., Chennai.

Feb 2024 - July 2024

Master of Computer Applications

Sreenivasa Institute of Technology and Management Studies, Chittoor.

June 2016 – June 2019

CGPA: 7.8

SKILLS

Python, SQL, Pandas, Machine Learning, Scikit-learn, Pytorch, Matplotlib, Seaborn, Power BI, Streamlit.

PROJECTS

Industrial Copper Modelling

- The objective of the project is to build a robust machine learning model to predict the selling price of copper and a classification model to predict the status of potential leads
- Performed Exploratory Data Analysis on the data provided after preprocessing and analysis. Incorporated Grid Search CV to select the best hyperparameters for the models
- Handled class imbalance classification dataset which I resampled and used it to achieve an accuracy of 97% with the built model
- Built a Streamlit frontend app where user has to provide necessary inputs and get the predicted price and status

Airbnb Data Analysis and Visualization

- The project aims to analyze Airbnb data and create a Power BI Dashboard to gain insights on location-based pricing variations
- Selected the relevant features for analysis from the huge number of 140 features present in the dataset. Cleaned and pre-processed the data
- Created a Streamlit app to search the property listing as per the location and provided a Geo visualization of the property listings
- Built a comprehensive dashboard using Power BI, combining various visualizations to present key insights from the analysis.

WORK EXPERIENCE

Associate Retail Process- CMT- Amazon

June 2024 – Present

- Worked in EPI- Mapping Tool
- Managed and optimized the product catalog by ensuring accurate and consistent data entry, updates, and corrections across multiple platforms to ensure seamless customer experiences
- Regularly worked on maintaining the accuracy of inventory data by tracking stock levels and ensuring the timely update of product information.

Transaction Risk Investigator- Amazon

Jan 2022 – Dec 2022

- Investigated and resolved complex transaction issues, focusing on fraud detection and risk management, ensuring a secure environment for Amazon customers and sellers
- Conducted in-depth analysis of customer and seller transactions to identify patterns and mitigate potential risks related to payment fraud, account takeovers, and policy violations