K MANISH YASHWANT

DATA SCIENTIST

yashwantmanish@gmail.com

(+91) 9944619311

Trichy

https://www.linkedin.com/in/manish-yashwant/

https://github.com/MANISHYASH

EDUCATION

BCA, St.Joshep's collge

- August 2021 - April 2024
- Trichy
- GPA: 7.4

CERTIFICATIONS

Master's in Data Science

- Guvi, (August 2024 - October 2024)

Python Course

- Guvi, Completed: [Sep 2024]

SKILLS

Programming Languages:
Python, SQL
Data Analysis & Visualization:
Power BI, Matplotlib, Seaborn
Machine Learning:
Scikit-learn, XGBoost, Logistic Regression, Decision Trees
Data Preprocessing:
Pandas, NumPy, Data Cleaning, Feature Engineering
Web Scraping:
Selenium
Databases:
MySQL, XAMPP
Deployment Tools:
Streamlit, Modelbit

SUMMARY

Enthusiastic and results-driven Data Scientist with a Master's degree in Data Science and hands-on experience in data analysis, machine learning, and visualization. Proven ability to develop predictive models, analyze complex datasets, and create actionable insights using Python, SQL, and Power BI. Adept at solving real-world problems and contributing to strategic decision-making through data-driven solutions.

PROJECTS

Redbus Data Scraping with Selenium & Streamlit

- Automated data extraction from Redbus using Selenium and created a dynamic filtering system with Streamlit.
- Built a MySQL database to store and manage scraped data.

DataSpark: Illuminating Insights for Global Electronics

- Analyzed retail data to identify top-selling products and trends, providing actionable insights for inventory management using Power BI.
- Utilized SQL queries to extract, aggregate, and visualize sales data, enabling data-driven decision-making.
- Cleaned, merged, and preprocessed large datasets in Python to ensure data accuracy and reliability for reporting and analysis.

Car Dheko - Used Car Price Prediction

- Cleaned and preprocessed car price data by addressing missing values, removing outliers, and standardizing features.
- Engineered new features and transformed existing ones to improve model performance.
- Developed and trained an XGBoost model to predict car prices based on various attributes.
- Optimized the model using GridSearchCV to enhance accuracy and predictive performance.

Microsoft -Classifying Cybersecurity Incidents

- Conducted data cleaning and preprocessing, including handling missing values and encoding categorical variables.
- Engineered features to enhance model performance and developed an XGBoost model for fraud detection.
- Optimized the model with GridSearchCV and cross-validation to improve accuracy and manage class imbalance.
- Evaluated model performance using key metrics and created dashboards for visualization and insights.