Aspiring data analyst

8217318466 |akshinth2002@gmail.com|linkdin|Github

SAHITI A

Skills

MACHINE LEARNING | PYTHON | PANDAS | NUMPY | STATISTICAL ANALYSIS | SQL | POWER BI | EXCEL | SCIKIT LEARN | DATA VISUALIZATION |TENSORFLOW | MATPLOTLIB | NLP | POWER QUERY | ETL | DATA VISUALIZATION | DATA MODELLING | MySQL | STATISTICAL ANALYSIS | LINEAR REGRESSION| HADOOP |Deep learning | TABLEU | SAS | DAX | DATA ANALYSIS | REPORTING AND DASHBOARDING | DATA CLEANING

Projects

Coffee Shop Sales Analysis with MySQL: Project link

- Managed and processed a dataset comprising 150,000 rows of coffee shop sales data using SQL.
- Implemented Month-over-Month (MoM) analysis using SQL window functions to track and analyse sales trends.
- Produced comprehensive reports and visualizations to facilitate data-driven decision-making and strategic insights.

Interactive Coffee Shop Sales Dashboard using Power BI: Project link |Live Dashboard

- Developed an interactive Power BI dashboard using DAX to analyze 150,000 rows of coffee shop sales data.
- Created visualizations for monthly sales, order volumes, and quantities sold.
- Implemented daily sales tracking with average lines and exceptional day highlights.
- Analyzed sales by product category and identified top 10 best-selling products.

Interactive Excel Dashboard: Exploring Demographic Trends and Purchasing Behavior   Project link

- Designed an Excel dashboard to analyze and visualize trends in a dataset with 10,000+ demographic records, resulting in 35% increase in decision-making accuracy compared to manual methods.
- Created 5+ visualizations to provide insights into demographic distribution and purchasing patterns.
- Leveraged Excel's advanced functions such as VLOOKUP, SUMIFS, and conditional formatting to perform detailed analysis of demographic trends and purchasing behavior.

Predicting Loan Repayment: Using Machine Learning to Assess Borrower Creditworthiness Project link

- Objective: Predict borrower loan repayment using data from LendingClub.com.
- Methods: Data preprocessing, EDA, and machine learning models (Decision Tree, Random Forest).
- Key Features: Credit policy, loan purpose, interest rate, FICO score, debt-to-income ratio.
- Results: Random Forest Classifier achieved 85% accuracy, 0.86 precision, 0.83 recall, and 0.84 F1-score.
- Impact: Aids investors in identifying high-risk borrowers, enhancing lending decision-making.

Experience and internships

Data analyst intern   **FEB-JUNE 2023**

- Completed internship program as a Data Analyst at **Afame Technologies**, achieving an A+ grade in Power BI / Tableau, Python, and SQL.
- Performed data cleansing tasks using Python libraries, including removing 5 unnecessary columns, renaming columns, eliminating 100 redundant entries, sanitizing 4 specific columns, and eliminating NaN values.
- Computed revenue measures such as total sales amounted to $1,000,000 analyzed sales trends over time, and determined top 3 best-selling products.

Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage   **JULY 2024**

- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making.

System design engineer - SIEMENS   **APRIL-DEC 2023**

- Contributed to the design, development, and testing of systems and components using AutoCAD.

Education

Bachelor of Electrical and electronics engineering,   **2019 - 2023**
MVJ college of engineering with **CGPA 9.0**