KAVIYA SURESH

+91 9150747396 | kaviyabalakrishnan91@gmail.com| | GitHub | Linkedin | Chennai, Tamil Nadu

PROFESSIONAL SUMMARY

As a strong foundation on Data Analyst in Python programming (Pandas, NumPy, Matplotlib, Linear Regression), SQL, and data analysis. Proficient in handling large datasets, performing exploratory data analysis, and creating insightful visualizations using Excel and Power BI. Eager to contribute my skills in a challenging and dynamic work environment.

INTERNSHIP EXPERIENCE

Data Analyst Intern

Besant technologies [July – present]

Key Contributions:

Developed an ERP System (MySQL): Designed and implemented a comprehensive ERP database to manage finance, HR, and supply chain processes, integrating specialized modules for streamlined operations.

Predicted Refurbished Car Prices (Jupyter Notebook): Built a linear regression model to forecast refurbished car prices in the Indian market. Conducted data preprocessing and market analysis to ensure accurate predictions.

Created a Sales Dashboard (Power BI): Developed an interactive sales dashboard by cleansing, modeling, and visualizing data, enabling actionable insights for JS Mart.

Skills Gained: MySQL, Linear Regression, Data Preprocessing, Data Visualization, Power BI, Data Modeling.

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy, Matplotlib)

Database Management: SQL (DDL, DML, DQL, TCL, Joins, Subqueries)

Data Analysis: Excel (Formulas, Charts), Exploratory Data Analysis (EDA)

Data Visualization: Power BI (Dashboards, DAX Functions)

PROJECTS

Title: Enterprise Resource Planning (ERP) System (MySQL) Link

Description: Create a comprehensive ERP database to manage various business functions, including finance, human resources, and supply chain. This will be achieved by deploying specialized modules for each department and integrate them into a unified system.

Software used: MySQL

Title: Predicting Refurbished Car Prices in the Indian Market Using Linear Regression:

A Data-Driven Approach System (Jupyter Notebook) Link

Description: Developed a linear regression model to predict the price of refurbished cars in the growing Indian market. Conducted data preprocessing, including handling missing values, encoding categorical variables, and scaling features. Analyzed market trends, demonstrating that refurbished car sales now surpass new car sales due to increased ownership costs. Leveraged insights from historical data to understand demand shifts. Achieved accurate price predictions, contributing to better decision-making for stakeholders.

JS Mart sales Dashboard in Power Bi: Data Shaping, Data Modelling and Data visualisation Link

Executed: Developed an end-to-end data analysis solution using power BI, importing data from CSV files into power Query Editor

Transformed and shaped: cleansed, transformed, and structured the data, ensuring data quality and consistency.

Constructed: Designed a robust data model, establishing relationships between tables for optimal performance

Visualized: Created interactive dashboards and reports, conveying insights through charts and graphs.

EDUCATION

- **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (CGPA 7.28)**
  B.Sc.(computer science) [2017-2020]
- **HOLY FAMILY CONVENT MAT. HR. SEC. SCHOOL KEELKATALAI.**
  HSC [2015-2017],Percentage – 62%
- **HOLY FAMILY CONVENT MAT. HR. SEC. SCHOOL KEELKATALAI.**
  SSLC [2015] – 95%

CERTIFICATIONS

- **SQL** (Basics) Certificate - HackerRank.
- **Data analyst –** Besant technologies