SHANTHAN KOMPALLY

Data Analyst

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PROFILE SUMMARY

- As a Masters student in Statistics, I have a strong background in Regression and Hypothesis. I am proficient in Python, MySQL, Excel, Power BI, Data Visualization and other data analysis tools.

- I have done internship under guidance of Industrial experts and worked on a project involving Data analysis and machine learning called Inventory Management and Vendor Data Management.

- I am confident and driven that my skills and experience make me an ideal candidate for this role.

PROJECTS

- **INVENTORY MANAGEMENT**

Understanding the business problem and the factors required for ABC analysis while gathering the required data and transforming it from raw to usable form. According to the income contribution of each product, Python was used to categorize the inventory items into groups A, B, and C. Forecasting accuracy was raised to 76.5% by combining the moving average model and the Arima model. And it gives proper insights for business growth.

- **CUSTOMER VALUE MANAGEMENT (SEGMENTATION)**

To identify loyal, potential loyal, and inactive customers, the RFM approach has been used to segment the different client groups and give us proper Business insights. created a logistic regression model to help identify consumers who are likely to leave, and created offers. and to improve customer experience towards to the store

SKILLS

- Python
- MySQL
- Excel
- Machine Learning
- R Language
- Power BI
- Logistic regression
- Regression Analysis
- Statistics
- Hypothesis testing

PROFICIENCIES

- Expertise in using Data Analysis tools like Excel and Power BI

- Good Technical skills in Programming languages like Python and SQL.

- Hands On experience on Machine learning algorithms and inquisitive knowledge on databases and eager to learn about scripting languages

- Having Good exposure in SAS (Statistical Analysis System)

EDUCATIONAL BACKGROUND

- M.Sc Integrated Statistics June 2022,Pondicherry University, Puducherry C.G.P.A:- 7.0

- Intermediate
  April 2016
  Abhayasa International Residential School, Telangana

- 2014, 10th Ekalavya Foundation School, Telangana

SOFT SKILLS

- Learning New Technologies
- Analytical Skills
- Adaptability
- Problem solving