AKASH S

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Summary

Passionate data analyst with a Bachelor's degree in Computer Applications, seeking opportunities to utilize analytical and technical skills to solve real-life data analytics problems.

Education

Bachelor in Computer Applications

East Point College of Management, Bengaluru

Oct 2020 - Nov 2023

CGPA: 7.7

Skills

-**Programming**: Python, SQL

-**Visualization**: Tableau, Power BI, Excel Charts, Jupyter Notebook

-**Database**: MySQL

-**Tools & Technologies:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

-**Soft Skills**: Excellent verbal and written communication skills, presentation, and storytelling skills

Project Experience

Operation and Metric Analysis

- Sourced data from Kaggle in CSV format and imported it into MySQL for analysis.
- Analysed job review activity per hour per day in November 2020, identifying variations in activity levels.
- Observed user engagement peaks around week 30 with fluctuations over the period.
- Utilized SQL sub-queries to analyse user growth, showing a positive trend over time.

IMDB Movie Analysis

- Acquired data from Kaggle in CSV format and cleaned it using Power Query.
- Analysed the distribution of movie genres using Pivot Tables and created visualizations with Excel charts.
- Identified key factors for movie success, including duration, budget, and director.

Student Score Analysis

- Used Python and Kaggle API to download the dataset from Kaggle.
- Imported and cleaned the dataset using Pandas in Jupyter Notebook.
- Performed Exploratory Data Analysis (EDA) to identify factors affecting student scores.
- Created data visualizations using Matplotlib and Seaborn, including heatmaps, bar charts, and pie charts.
- Found that parents' education contributes significantly to student scores.

Car Features and Their Profit Analysis

- Sourced data from Kaggle in CSV format and cleaned and transformed the dataset, removing outliers for analysis.
- Performed Regression Analysis using What-If Analysis in Excel to evaluate the impact of car features on profit.
- Created visualizations in Excel and added slicers for dynamic data filtering.

- Developed an interactive dashboard in Excel to present analysis results, enabling stakeholders to explore data and insights intuitively.

Bank Loan Case Study

- Acquired data from Kaggle in CSV format and conducted an in-depth analysis of loan applicants to identify patterns and assess default risks.
- Cleaned data by removing columns with over 40% null values and imputing missing values with median, mode, and custom methods.
- Executed detailed univariate, segmented univariate, and bivariate analyses to pinpoint consumer and loan attributes; findings led to a 25% improvement in default prediction accuracy and enhanced risk management strategies.
- Addressed data imbalance, identifying a significant skew with 91.43% non-defaulters and 8.57% defaulters.
- Created visualizations in Excel to illustrate insights and developed recommendations for loan approval strategies based on key indicators such as age, experience, education, and gender.

Diwali Sales Analysis

- Conducted exploratory data analysis on Diwali sales data to identify patterns and trends.
- Analysed buyer demographics such as gender, age, state, marital status, occupation, and product category.
- Found that married women aged 26-35 from Uttar Pradesh, Maharashtra, and Karnataka working in IT, Healthcare, and Aviation sectors are more likely to purchase products from Food, Clothing, and Electronics categories.
- Created visualizations to present insights using Matplotlib and Seaborn

Hobbies and Interests

- Photography
- Videography
- Riding