Sayed Ashfaq Aspiring Data Scientist

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SKILLS

- **Languages** : Python, SQL, MySQL
- **Frameworks** : Numpy & Pandas, scikit-learn, Git, github, BigQuery, SnowFlake, Tableau
- **Data Analysis & Visualization** : Matplotlib & Seaborn, Stats and Probability, Root Cause Analysis, Business Analytics
- **Other Skills** : Automation, Prompt Engineering, Decision Making, Critical Thinking, Quick Learner

EXPERIENCE

Associate Analyst   Feb 2023 - Present
CAMP Systems   Hyderabad

- Utilized MySQL to analyze and manage datasets for customers like Mountain Aviation and VistaJet, enhancing planning and decision-making efficiency.
- Designed interactive dashboards to uncover trends and forecast schedules, supporting strategic decision-making.
- Identified 16% of accidents happened when the flight was in landing phase - it is the most contributing factor for accidents.
- Automated weekly flight data extraction using MySQL and Python to analyze landing-phase incidents and generate trend reports.

PROJECTS

Customer Churn Prediction using Flask & Machine Learning
https://github.com/sayed-ashfaq/Customer-Churn-Prediction

- Developed and deployed Customer Churn Prediction models using Random Forest, XBoost and Decision Trees, achieving 98% accuracy.
- Conducted Exploratory Data Analysis and discovered key insights: high churn in month-to-month contracts and low churn in-term contracts.
- Experimented with different techniques of feature engineering and sampling methods to achieve the best accuracy score.
- Deployed models using Flask and Pickle, creating a basic web interface to upload csv file and perform real-time predictions.

Yulu Bikes: Data Analysis & Hypothesis Testing
https://github.com/sayed-ashfaq/Yulu-HypothesisTesting

- Conducted visual analysis to identify patterns in bike usage across seasons, weather, and user types.
- Performed T-tests and Kruskal-Wallis tests to assess differences in rentals across weekdays, weekends, and weather patterns.
- Revealed a 46% decline in rentals during spring and a 40% drop during light rain, informing resource strategies.
- Used Chi-square tests to analyze season-weather relationships, optimizing bike availability trends.

Target SQL Analysis Insights for Americas Leading Retail Chain
https://github.com/sayed-ashfaq/Target-SQL

- Applied CTEs, Joins, Subqueries, and Window Functions to analyze 100k+ e-commerce orders across eight relational tables.
- Explored customer behavior, payment trends, and delivery performance using multidimensional data.
- Identified 39% order cancellations, peak purchase times (afternoon/night), and areas for delivery optimization to enhance customer satisfaction.
- Highlighted rapid e-commerce growth and recommended workforce adjustments to meet demand

Sales and Customer's TableauDashboard
https://public.tableau.com/app/profile/sayed.ashfaq/viz/Book2_17349611290570/CustomersDashboard

- Designed Tableau dashboards for sales and customer insights with interactive year, state, and region analysis.
- Visualized KPIs like sales, profits, customer trends, and orders with comparative trends.
- Highlighted customer distribution and top 10 customers by profit using advanced visualizations.
- Added navigation buttons and drill-downs for enhanced user experience and deeper analysis.

ACHIEVEMENTS

- Basketball: Improved excellent partnership and collaboration skills . Won Gold twice in college (intermediate level).
- 5K Marathon: Awarded a medal in the Decathlon-organized 5K marathon.
- Chess: Developed creative and structured thinking, also Secured second place in a company chess tournament.

EDUCATION

Scaler   2025
Specialized in Data Science & Machine Learning
Course Work: Supervised and Unsupervised Learning, Neural Networks, Generative AI

Singhania University   2023
Bachelor of Science | 7.7 CGPA