Mohit Rathod

DATA ANALYST

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PROFILE SUMMARY

Portfolio Link: https://mohitrathod7.github.io/portfolio/home.html

Data-driven analyst with a passion for transforming raw data into actionable insights. Aspiring data analyst recognized for strong analytical thinking and attention to detail. Thrive in collaborative environments, leveraging data analysis, statistical methods, and data visualization to solve complex business challenges.

PROJECTS AND TECHNICAL EXPERIENCE

Bike Share Toronto Data Analysis (Ongoing Project)
- Analyzing the 2018 Toronto Bikeshare dataset by merging bike location and trip datasets, covering all four quarters.
- Number of Trips: 1,922,955 | Number of Stations: 359
- Conducting analyses on trip duration, station popularity, user behavior, time-series, and user segmentation.
- Count of Trips by Duration: 5-15 minutes: 1,049,492 trips (52%)
- Utilized Seaborn and Matplotlib for data visualization; developed a final report with actionable insights for stakeholders.

Football Match Prediction Web Application View Project
- Developed an interactive web application using Python and Flask to predict outcomes of Football (EPL) matches.
- Utilized Pandas for data processing and analysis of historical match data.
- Implemented machine learning algorithms (Random Forest Classifier) to enhance prediction accuracy.
- Incorporated Seaborn and Matplotlib for visualizing data insights and trends.
- Enhanced user engagement with interactive visualizations and a user-friendly interface.

Calgary Real Estate Listings Dashboard View Project
- Created a Tableau dashboard categorizing real estate listings in Calgary by neighborhoods and price categories.
- Analyzed key metrics such as affordability, average price per square foot, and distribution by bedrooms and bathrooms.
- Identified market trends, revealing that 2-bedroom, 2-bath houses represented over 16% of listings.
- Improved data visualization for clear insights into Calgary's real estate market dynamics.

Cricketer's Centuries Analysis and Performance Dashboard View Project
- Conducted a comprehensive analysis of Virat Kohli's centuries using Tableau, uncovering key insights into his cricketing performance.
- Visualized the evolution of his batting style and adaptability to various venues and opponents.
- Analyzed the impact of his centuries on match outcomes, emphasizing key performances under pressure.
- Explored how batting position and inning type influence the nature of his centuries, showcasing his versatility.

EDUCATION

PG in Business Insights and Analytics
Humber College, Toronto, Ontario

Dean's list Fall 23, Winter 24
Expected graduation 09/2025

Bachelor of Science in Computer Science
Mumbai University, Mumbai, India

GPA (9.42/10)
Graduated 06/2022

SKILLS

Tools
Microsoft Suite (Excel, Outlook and PowerPoint), Jira, Asana, Trello, Confluence, VS Code, Github, Microsoft Azure

Data Reporting
Tableau, Power BI, Python Visualisation Packages

Code:
Python, SQL, R, HTML, CSS, JavaScript, DAX(Power BI)

Key Concepts:
Data analysis and visualization, Retail and financial market analysis, Business analysis and performance forecasting, Database management, Financial modeling, Analytical thinking and PowerBI reporting

CERTIFICATIONS

SQL: Data Reporting and Analysis
By Emma Saunders – LinkedIn Learning
Gained a solid understanding of how to use SQL for data retrieval, manipulation, and reporting

Tableau Essential Training
By Curt Frye – LinkedIn Learning
Tableau enables us to derive insights and present data-driven solutions effectively

Corporate Financial Statement Analysis
By Earl Stice & Jim Stice – LinkedIn Learning
Learned to analyse business activities, use DuPont framework, common size financial statements & apply ratios for analysis