Dhruv Mehta
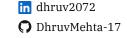Data Science & Analytics

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in dhruv2072
⊙ DhruvMehta-17

Summary
IT graduate with one year of experience as a Python Developer, now focused on Data Analytics and Science. Skilled in SQL, Python, and data visualization, with a passion for extracting insights and solving business problems.

Education

Ganpat University   **July 2019 to June 2023**
Information Technology   Bachelor of Technology
🔗 https://www.ganpatuniversity.ac.in/

N.&.K.PANDYA HIMAT HIGH SCHOOL NO-2   **June 2018 to April 2019**
Class 12   Science (Maths)
🔗 https://schools.org.in/sabar-kantha/24050712709/n-&-k-pandya-himat-high-school-no-2/

Experience

Cerebulb India Pvt Ltd.   **February 2023 - March 2024**
Python Developer   Gandhinagar , Gujarat
🔗 https://www.cerebulb.com/

Skills: Python, SQL, Excel, Data Visualization

Developed and optimized **data pipelines** using Python for efficient data processing and transformation.

Worked with **SQL databases** to store, retrieve, and manage data efficiently for business applications.

Projects

AirBnb Bookings Analysis
Python, SQL , EDA, Power bi
🔗 https://github.com/DhruvMehta-17/Airbnb-Bookings-Analysis-Project.git

- Understanding key factors affecting Airbnb bookings, such as pricing, availability, and customer preferences, to optimize revenue and enhance guest experiences.
- Tools Used SQL, Power BI, and Python for data cleaning, EDA, and interactive visualizations.
- Identified pricing trends, booking frequency, and neighborhood demand patterns.
- Analyzed booking frequency and customer preferences

Hotel Booking Analysis
Python, EDA, Seaborn, Matplotlib
🔗 https://github.com/DhruvMehta-17/Hotel_Booking_Analysis.git

- Analyzed hotel booking data to identify key factors influencing cancellations and improve customer retention strategies.
- Used Python for data wrangling, EDA, and data visualization to uncover patterns in booking behavior.
- Developed predictive models to forecast cancellations and created insightful visualizations for better data interpretation.
- Provided data-driven insights that helped reduce cancellation rates and enhance customer retention programs

Netflix-Movies-and-TV-Shows-Clustering
Python, Unsupervised Learning, K-Means, PCA, Seaborn, Matplotlib

- Identified patterns in Netflix's content catalog using **Unsupervised Learning** to group similar movies and TV shows, aiding in recommendations and content analysis.
- Applied **K-Means Clustering** for content segmentation and **Principal Component Analysis (PCA)** for dimensionality reduction.
- **Seaborn & Matplotlib** to create interactive visualizations, uncovering trends in Netflix's content distribution.
- Provided insights into Netflix's content structure, enhancing recommendation systems and strategic content placement.

Certifications

Full Stack Data Science   **April 2024 to December 2024**
AlmaBetter (IIT Guwahati)

- Completed **Data Science Course** from **IIT Guwahati**, gaining expertise in statistical analysis, machine learning, and data visualization.
- Successfully completed **Full Stack Data Science** program with **AlmaBetter**, covering Python, SQL, Power BI, and end-to-end data projects.
- Developed hands-on experience in **data analysis, predictive modeling, and dashboard creation**, enhancing business decision-making.

Full Stack Development course
Grras Solution

Completed a Full Stack Development course during my B.Tech, covering SQL, Python, and Django.

Skills

Python	SQL
Intermediate	Intermediate
Pandas, NumPy, Matplotlib, Seaborn	MySQL, PostgreSQL

Data Analytics	Data Visualization
Intermediate	Intermediate
EDA, Data Wrangling, Statistics	Power BI, Advance Excel

Extra Curricular Activities
Event Management

Hackathons and Tech Competitions

Open Source Contribution

Interests
Travelling, Gaming, Financial & Market Analysis