MOHIT DESHPANDE
Data Analyst

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EDUCATION

Masters in Data Analytics Engineering   **Sept 2023 – May 2025**
Northeastern University, Vancouver, BC

Bachelor of Engineering in Information Technology   **Jul 2015 – Jun 2021**
University of Mumbai, Mumbai, India

SKILLS

Python: Libraries – pandas, matplotlib, seaborn, numpy, os, streamlit

SQL: Software – MySQL, PostgreSQL, SQL Server, Window Functions

Excel: Google Sheets, Pivot Table, LOOKUP Functions, Conditional Functions, Aggregation Functions

Visualization Tools: Tableau, Google Data Studio

Others: Visual-VM, Android Studio, Linux, Shell Scripting, JavaScript

WORK EXPERIENCE

Google   **Hyderabad, India**
Data Analyst (Trust & Safety, Service Delivery)   **Sept 2021 – Jul 2023**

- Collaborated with cross-functional teams to design and implement a centralized vendor access management system, significantly reducing provisioning time from **48 hours to 4-6 hours**
- Employed complex **SQL queries** and **JOIN operations** to establish relationships between **6** data-tables enhancing data connectivity amongst multiple spreadsheets resulting in periodically updating the data every 24 hours
- Achieved a remarkable **65%** improvement in **client onboarding** by optimizing client workflows, reducing duplication efforts through the creation of clear, concise instructions, and documentation of the project report
- Collaborated with data owners and stakeholders from **5 product-areas** to validate and verify the accuracy of the cleaned data, implementing a rigorous process to rectify inconsistencies, duplications, and inaccuracies
- Integrated data from **4 client databases**, creating a real-time dashboard using **Google Data Studio** that offered a detailed view of **30 client locations** and captured key metrics
- Performed **ETL process** on raw data that streamlined data extraction, transformation, and loading processes, enhancing data accessibility and accuracy, leading to enhanced service delivery

ACADEMIC PROJECTS

Northeastern University| [UK-Road-Accident-Analysis](#) **|** *Excel, Python, Tableau*   **Nov 2023 – Dec 2023**

- **Utilized** advanced Tableau features to create interactive visualizations, resulting in an understanding of road safety trends
- **Leveraged** Excel for precise data cleaning, enhancing the dataset's accuracy and ensuring robust insights into accident patterns
- **Employed** Python for data processing, leading to enabling efficient exploration of trends in casualties and contributing factors

University of Mumbai | [Steganography Tool](#) **|** *Python*   **May 2020 – May 2021**

- **Implemented** an innovative technique to distribute message bits across video frames in a non-deterministic manner, resulting in an improvement in concealment efficacy
- **Leveraged** Python to create a robust steganography tool, effectively resisting steganalysis and ensuring the secure embedding of messages within multimedia content

COMMUNITY CONTRIBUTIONS

Google Developer Groups Vancouver | *Communications Volunteer*

- Facilitated communication with event attendees, addressing inquiries, providing information, and collecting feedback to enhance future events

Diversity, Equity, Inclusion, and Belonging Workshop | *Volunteer at Google*

- Organized a workshop on unconscious bias as an active member of the DEIB community, contributing to the cultivation of a more inclusive workplace culture

Blood Donation Camp | *Coordinator at Google*

- Served as the coordinator for a successful blood donation camp in support of the Thalassemia and Sickle Cell Society, overseeing the organization and execution of the event