(647) 648-7813
Toronto, Ontario
manav.dhora@gmail.com

Manav Dhora

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Github
LinkedIn

Skills

Languages:	Python, R, SQL, T-SQL, PostgreSQL, PySpark, JavaScript, Java, C/C++, HTML5, CSS3, PHP
Libraries:	Pandas, NumPy, Scikit, tensor-flow, Dask, Requests
Tools	Git, GitHub, Microsoft Office, Visio, SharePoint, PowerBI, Tableau, Jupyter Notebook, MS Excel
Certification	Google Data Analytics Professional Certificate

Technical Experience

Toronto Metropolitan University **Jan.2022 — Aug.2022**
Data Science Intern *Toronto, ON*

- Participated in team meetings to discuss database requirements and propose solutions for improving data management processes.
- Worked on predictive analytics use-cases using Python Language.
- Cleaned data and processed third party data into specific formats with excel macros, python libraries like NumPy, SciPy, SQL Alchemy and matplotlib.
- Used Panda as API to put data as time series and tabular format for manipulation and retrieval of data.
- Experience in Python, Jupyter, Scientific computing stack (NumPy, SciPy and matplotlib)

TCS Canada **Jan.2021 — Aug.2021**
Associate Power BI Developer Intern *Toronto, ON*

- Designed and built data models in PowerBI, writing complex queries to extract and manipulate data, resulting in 16% increase in data accuracy.
- Assisted in the development of new data pipelines to integrate 300,000 raw data records from research, resulting in a 30% improvement in data integrity and increased the speed of data analysis by 20%
- Demonstrated skills in PowerBI, DAX functions, formulas and calculations, to create custom visualisation and reports, resulting in improved insights and decision making for stakeholders.
- Assisted in creating data models and data pipelines to automate data extraction, transformation, and loading (ETL) processes using Power Query and Power Pivot.
- Assisted in documenting data analysis methodologies, data sources, and data transformations for future reference and knowledge sharing.

Projects

Movie Recommendation Systems
Python/Pandas/NumPy/Scikit-learn *View Project*

- Developed a Python3 Movie Recommendation System with the help of Pandas based on ratings
- Used TFIDF Matrix to represent strings in the Dataset
- Created an interactive search function and recommendation function using Python3, Pandas & sklearn

Data Science Lab work
Python/Pandas/Scikit-learn *View Project*

- Conducted data cleaning, preprocessing, and feature engineering to optimize model performance.
- Utilized data visualization libraries like matplotlib and seaborn to gain insights and present findings effectively.
- Achieved an average accuracy of 85% on the classification tasks and received positive feedback from instructors.

Student Registration System
SQL/Oracle SQL Developer

- Developed a well-organized complex university registry system with SQL that manages student enrolment, scheduling classes and provides a graphical image of student time tables.
- Implemented object-oriented principles: Inheritance, polymorphism, abstraction.
- Used Oracle SQL for managing student database

Education

Bachelor of Science - Computer Science (HONOURS)
Toronto Metropolitan University (TMU) Sep.2019 - Jun.2023
Coursework
Data Structures and Advanced Algorithms, Discrete Mathematics, Web Development, Computer Architecture, Software Engineering, Operating Systems, Database Systems, Artificial Intelligence, Computer Security and Networks, Data Science, Statistics