

2153 College Avenue  
+1 519-992-6940

ppaulomee4698@gmail.com

www.linkedin.com/in/paulomeepatel



# PAULOMEE PATEL



## SUMMARY

Self-driven analyst with a strong background in data analysis and a passion for identifying patterns and trends in data. Proficient in Excel, SQL, Tableau and Power BI with experience in developing data-driven insights and solutions to complex problems. Skilled in data science stack including Machine Learning, NLP, Statistics, Data structure & Algorithm, Data Visualization, TensorFlow, Pytorch, Scikit-Learn, NumPy, Pandas, NumPy, Jupyter Notebook, Flask, FastAPI, Information Retrieval system, and database management. Seeking to leverage my expertise and contribute to an organization's success.



## SKILLS

- **Data Science Stack:** Machine Learning, NLP, Statistics, Data Structure & Algorithm, Data Visualization (Dash & Plotly), TensorFlow, Pytorch, Scikit-Learn, NumPy, Pandas, Jupyter Notebook, Flask, FastAPI, Information Retrieval System
- **Databases:** Proficient in PostgreSQL, MySQL, Oracle SQL, MS SQL, SharePoint, Tableau Microsoft Power BI, SAS, Visual Basic Application.
- **Programming:** R, Python, Java
- **Data Management:** Database Design and Management, Data Quality Assessment, Data Analytics, Pattern and Trend Identification, Visualization of Data Insights, Data Modelling.
- **Other:** Strong knowledge of RESTful API, Cloud (AWS, Azure, GCP), DevOps, Unit Testing and Test-Driven Development, MATLAB, Apache Spark, MS Office, MS Visual Studio.



## EXPERIENCE

### DATA ANALYST | ATOLOGIST INFOTECH | JAN 2020 - DECEMBER 2021

- **Domain:** Logistics - Leveraging data to optimize supply chain operations and customer experiences.
- Gathered requirements from Business Analysts and Operational Analysts and identified data sources required for requests.
- Extracted data from existing data sources, developed and executed departmental reports for performance and response purposes using SQL and MS Excel.
- Designed weekly and monthly reports related to the marketing and financial departments using Teradata SQL.
- Worked on data verifications and validations, experienced in using OLAP functions, and proficient in working with set, derived, and volatile temporary tables.
- Transformed unstructured and unformatted data and imported to standardized tables using ETL pipeline.
- Performed data profiling, analysis, validation and management of reports and data using SAS.
- Extracted, analyzed, and presented data in a graphical format.
- Writing SQL scripts and queries to generate insights from structured data.
- Used R to get a bird's eye view on the data that would potentially be worked on.

- Proficient in importing/exporting large amounts of data from Excel files to Teradata and vice versa.
- Presented business leaders with ROI estimations to drive project planning.
- Built dashboards to visualize core business KPIs using Plotly, Matplotlib, Power BI and Tableau.



## PROJECTS

### Estimating Crowd Density from CCTV Camera Streaming:

Tech Stack - Python, OpenCV, TensorFlow, Keras

Algorithm to analyze footage from a camera stream and detect the number of people in the crowd and estimate crowd density.



## CERTIFICATES

- **Google Data Analytics Certificate**  
[https://www.credly.com/badges/34bce52c-8f57-4b18-9adf-3153c7109257/public\\_url](https://www.credly.com/badges/34bce52c-8f57-4b18-9adf-3153c7109257/public_url)
- **Introduction to Data Science in Python**  
<https://coursera.org/verify/7N82CTYLF473>
- **Google Cloud Big Data and Machine Learning Fundamentals**  
<https://coursera.org/verify/MQ623VY4EW6Y>
- **Applied Machine Learning in Python**  
<https://coursera.org/verify/6A2LS5NUYDP8>



## EDUCATION

**Master of Engineering | University of Windsor**

JANUARY 2022 – APRIL 2023

**Bachelor of Engineering | Gujarat Technological University**

AUGUST 2016 – AUGUST 2020