

# DARSHANKUMAR PATEL

+1(437) 766-1963 ◇ Toronto, ON ◇ [Gmail](#) ◇ [LinkedIN](#) ◇ [Portfolio](#) ◇ [Github](#)

## OBJECTIVE

As a dynamic and results-oriented individual with a robust background in data analytics and business, I am eager to leverage my expertise in data analysis and optimization. I am proficient in analyzing, debugging, and enhancing data-driven solutions using languages such as Python and R, and have experience with automation tools like Selenium, TestNG, JUnit, and PyTest.

In project management, I am adept at using Jira, Confluence, Microsoft Project, and Trello to ensure seamless project execution. My experience includes designing and implementing comprehensive data analytics solutions, writing efficient and maintainable code, and performing various types of data testing such as unit, integration, system, and regression.

## EXPERIENCE

### Software Developer Co-op

May 2016 - July 2016

IIHT *Navsari, IN*

- Developed Library Administration and Medical Store Systems using C# Windows Forms and SQL Server, enhancing resource and inventory management.
- Integrated TCP/IP protocols for robust client-server communication.
- Collaborated on requirement analysis, system design, and implementation for streamlined operations and improved user experience.

## EDUCATION

### Post-Graduate of Information Technology Solutions, Humber College

January 2021 - August 2023

### Bachelor of Computer Science & Engineering, R. N. G. Patel Institute of Technology April 2016 - August 2020

## SKILLS

**Technical Skills** SQL and Database Management, Excel for comprehensive analysis, Statistical Analysis and Modeling, Python, Data Mining and Machine Learning (regression models, k-mean), Data Warehousing and ETL Processes, Business Intelligence Tools (Tableau, Power BI), Manual & Automation Testing.

**Soft Skills** Attention to Detail and Accuracy, Critical Thinking, Problem Solving, Communication, Interpersonal Skills, Time Management, Adaptability, Flexibility, Teamwork and Collaboration, Self-Motivation, Creativity and Innovation, Learning Agility and Curiosity, Technical Documentation.

## PROJECTS

### Retail Sales Analysis [Dashboard \(Project\)](#)

July 2024

- Analyzed FMCG retail data to derive KPIs and insights, including product sales growth, market share, profit margins, discount effectiveness, and customer acquisition costs.
- Visualized results using Tableau, creating an interactive dashboard to showcase key findings and performance metrics.
- Evaluated sales manager performance at regional, state, and city levels, identifying top performers and analyzing sales by store type.

### Covid-19 Deaths [EDA Dashboard \(Project\)](#)

March 2024

- Utilized Excel to clean and filter raw dataset, removing unnecessary columns and null values.
- Analyzed and interpreted vaccination and death data using SQL, resulting in a 25% increase in vaccination coverage and a 10% reduction in fatalities.
- Implemented CTE Blocks, Temp Tables, and aggregate functions for in-depth data analysis.
- Visualized data through Tableau dashboards to provide actionable insights.

### Customer Segmentation using ML [\(Project\)](#)

March 2023

- Cleaned and preprocessed dataset using Pandas & NumPy to address missing values and outliers.
- Conducted EDA with RFM techniques; visualized insights with Matplotlib & Seaborn.
- Applied clustering algorithms (AFM, K-Means); evaluated performance using silhouette score.
- Visualized clusters in 3D to enhance data interpretation and clarity.