

# DHRUV PATEL

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Toronto, Canada | [LinkedIn](#) | [GitHub](#) | [portfolio](#)

## EDUCATION

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### Master of Professional Studies in Analytics

Graduation: May 2025

Northeastern University, Toronto, Canada | **Grade: 3.89/4**

### Bachelor of Technology in Computer Science.

Graduation: May 2023

Indus University, Ahmedabad, India | **Grade: 9.7/10**

**Research Paper:** Trend analysis and prediction of YouTube Videos using Machine Learning Techniques  
**Paper:** [Research Paper](#)

## WORK EXPERIENCE

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### Data Analyst Internship, Gamut Canada Inc.

March 2024 – Current

- Develop interactive Power BI dashboards summarizing company performance, product analysis, inventory status, and customer transactions analysis using data from previous years.
- Collaborate with cross-functional teams to understand business objectives and gather requirements for dashboard development. Clean, transform, and organize large datasets to ensure data integrity and accuracy.
- Conduct in-depth analysis of product performance, sales trends, demand forecasting and Inventory analysis

### AI-powered Husky Chat Bot

Jan 2024 – Current

- Developed a state-of-the-art RAG (Retrieval Augmented Generation) chatbot leveraging OpenAI's large language model, LangChain, and LaMalIndex.
- Integrated advanced AI technologies to enable seamless natural language understanding, context analysis, and efficient information retrieval.
- Achieved significant improvements in generating human-like messages through accurate, contextually relevant responses across various domains.

## PROJECTS

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### Super Markets Sales Analysis Dashboard

[Project Link](#)

- Developed a comprehensive Supermarket Insights Dashboard using PowerBI, offering interactive visualizations and real-time updates for analyzing sales trends, product performance, and order analysis.
- Implemented drill-down capabilities and customizable filters to facilitate granular exploration of data by category, region, and time period, enhancing strategic decision-making processes.
- leveraging advanced data modelling techniques, key metrics, and meaningful visuals to facilitate insightful analysis and strategic decision-making processes.

### Customer churn Analysis

[Project Link](#)

- Analyzed Telco Customer Churn dataset to predict churn and identify factors affecting monthly charges, utilizing statistical analysis and machine learning algorithms.
- Devised targeted strategies including personalized engagement, loyalty programs, and continuous monitoring to reduce churn and enhance customer retention.

## CERTIFICATIONS

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**Certification:** Google Data Analytics Professional Certification

**Credentials:** [Certification](#)

**Certification:** Microsoft PL-300, Power BI Data analyst associate

**Credentials:** [Certification](#)

## TECHNICAL SKILLS

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**SQL** | **Power BI** | **databases** | **R language** | **hypothesis testing** | **Python** | **statistical analysis** | **Excel** | **Tableau** | **prediction** | **Financial Analytics** | **Visualization** | **reports** | **Dashboard** | **Data Modelling**