

DHRUV PATEL

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

EDUCATION

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

WORK EXPERIENCE

AI-powered Husky Chat Bot

Jan 2024 – Current

- Developing 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.

Haraxy Technologies, Jr. React Native developer

Feb 2021 - Jul 2021

- Build pixel-perfect, buttery smooth UI across IOS and Android mobile platforms.
- Leverage native APIs for deep integrations with both platforms.

PROJECTS

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.
- Provided actionable insights enabling proactive decision-making for improving customer satisfaction and loyalty in a competitive market.

CERTIFICATIONS AND PUBLICATION

Certification: Google Data Analytics Professional Certification

Credentials: [Certification](#)

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

Credentials: [Certification](#)

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

TECHNICAL SKILLS

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