

ROHAN PATEL

Data Analyst | Master of Analytics

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PROFILE

Result-driven data analyst with a strong foundation in descriptive analysis and experience in transforming complex datasets into actionable insights using SQL, Excel, Python and Data Visualization tools like Tableau, and Power BI coupled with expertise in Data Cleaning, manipulation, exploratory analytics and gathering business strategy insights.

Proven track record in uncovering trends, enhancing operational efficiency and driving business growth. Looking to deliver a balanced approach towards exploring what, why and how of data to uncover its fullest potential

EDUCATION

MASTER OF PROFESSIONAL STUDIES IN DATA ANALYTICS

Northeastern University
Toronto, Sep 2021 – Jul 2023
GPA: 3.85

BACHELOR OF ENGINEERING MAJORING IN INFORMATION TECHNOLOGY

Name of University You Attended
Location, 2007 – 2010

TECHNICAL SKILLS

- Excel
- SQL, Google Big Query
- Python
- Tableau, Power BI, Data Studio
- GitHub, Looker
- R

EXPERIENCE

DATA SCIENTIST – AI TRAINER, CONTRACTOR

Outlier | Canada | Mar 2024 - Present

- **Optimized LLM model performance** by applying advanced Reinforcement Learning with Human Feedback (RLHF) techniques, increasing code generation accuracy and enhancing NLP task efficiency.
- **Streamlined model training processes** by developing Python and JavaScript scripts that improved prompt accuracy and optimized performance in code generation and NLP tasks.
- **Collaborated with cross-functional teams** to refine training datasets, providing actionable feedback on prompt submissions, which resulted in a **10% improvement in model efficiency** across diverse real-world applications.

DATA SCIENTIST, CO-OP

CIBC | Toronto, ON | Sep 2022 – Apr 2023

- **Achieved an 87% improvement in forecast accuracy** by conducting comprehensive Time Series Analysis on TFSA account creation trends, directly contributing to more effective campaign planning.
- Improved monthly forecasted volume for Indirect Auto Lending by employing advanced Time Series Analysis techniques and feature engineering, resulting in significant insight for business growth with an **83% prediction accuracy**.
- Implemented various Machine Learning algorithms pipelines (Logistics, Random Forest, XGBoost) to streamline model development, achieving a **30% reduction** in manual effort.

DATA ANALYST, APPRENTICESHIP

AwanTunai | Toronto, ON | Jan 2022 – Apr 2022

- **Increased inventory optimization by 20%** using time series analysis and classification algorithms, identifying top-selling SKUs and refining buying patterns.
- **Enhanced sales by 28%** through the creation of interactive dashboards in Tableau, driving data-driven decision-making in fintech operations.
- **Optimized association mining** using a remodelled apriori algorithm, leading to the identification of key item associations among thousands of SKUs, and improving marketing strategies.

SOFTWARE ENGINEER

Gupshup Technology | Mumbai, IN | Apr 2021 – Aug 2021 | Mar 2022 – Sep 2022

- **Designed and deployed multiple user-friendly chatbots** across diverse platforms, enhancing customer experience and increasing reservation ticket sales by **25%**. Achieved **85% accuracy** in user intent recognition through multi-language support.
- **Managed and optimized the development process** of chatbots using the Gupshup IDE bot platform and Node.js, integrating with MYSQL and Mongo-DB, leading to a **40% reduction in development time** and seamless bot performance.
- **Led cross-functional training programs** in JavaScript, Node.js, and MySQL, equipping new team members with essential coding skills and fostering effective communication and collaboration within the team, resulting in **improved project delivery and client satisfaction**.