

# Vrajesh Bhatt

Toronto, ON, Canada

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## SUMMARY

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Computer Engineering graduate with specialized training in AI and Data Science. Passionate about leveraging data analytics to drive business decisions, with particular interest in aerospace technology. Proficient in Python, data visualization with Power BI, and automation using RPA tools. Strong analytical and problem-solving skills with hands-on experience in real-world data projects.

## SKILLS

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- Python
- RPA (n8n, UiPath)
- Power BI
- SQL
- Machine Learning
- Data Visualization
- Statistical Analysis
- ETL Pipelines
- Automation
- Data Cleaning
- API Integration
- Microsoft Excel
- Git

## EXPERIENCE

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### Moah Appliances

2023 - 2024

#### *Business Intelligence Intern*

- Developed automated data collection pipelines using n8n, reducing manual reporting time by 60 percent.
- Created interactive Power BI dashboards for sales and inventory tracking used by management team.
- Analyzed customer purchasing patterns to identify trends, contributing to a 15 percent increase in targeted sales.
- Collaborated with cross-functional teams to integrate data from multiple sources into unified reporting system.

### Gujarat Industrial Hackathon

2023

### *Finalist - AI Solutions Team*

- Developed predictive maintenance model for manufacturing equipment using machine learning techniques.
- Led data collection and preprocessing efforts for team project, handling large industrial datasets.
- Presented solution to industry judges, demonstrating technical feasibility and business impact.

## PROJECTS

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### **Airline Performance Analysis Dashboard**

- Built comprehensive Power BI dashboard analyzing flight delays, cancellations, and operational metrics using public aviation data.
- Implemented custom DAX measures to calculate on-time performance and identify delay patterns.
- Connected to multiple data sources including CSV files and APIs; automated refresh process.

### **Retail Sales Forecasting Model**

- Created time series forecasting model using Python (pandas, scikit-learn) to predict weekly sales.
- Applied feature engineering and validation techniques to achieve 87 percent prediction accuracy.
- Delivered visualizations of forecast vs actual performance for stakeholder review.

## EDUCATION

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### **University of Toronto**

*Bachelor of Applied Science, Computer Engineering with AI/Data Science Specialization*

Graduated with Honors | Relevant coursework: Data Mining, Machine Learning, Statistics, Database Systems

## AWARDS & RECOGNITION

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- Employee of the Quarter - Moah Appliances (Q4 2023)
- Gujarat Industrial Hackathon Finalist (2023)

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February 10, 2026

Hiring Manager

Government of Nova Scotia

[Company Address]

Dear Hiring Manager,

I am writing to express my interest in the **Business Intelligence Data Analyst (Program Admin Officer 3)** position at **Government of Nova Scotia**, which I discovered via Brave Search. With my background in Computer Engineering and specialized training in AI/Data Science, I am confident in my ability to contribute to your team.

My experience aligns closely with your requirements:

- Proven ability to create interactive Power BI dashboards, directly aligning with the BI reporting tools required for this role.
- Experience with data automation using n8n, reducing manual reporting time by 60%, showcasing process improvement skills.
- Strong analytical skills from forecasting modeling and statistical analysis, supporting data-informed decision making.
- Familiarity with data integration from multiple sources (APIs, CSV) and data governance practices, ensuring data quality and consistency.

At Moah Appliances, I developed automated data collection pipelines using n8n, reducing manual reporting time by 60%. I also created interactive Power BI dashboards used by management for sales and inventory decisions. My projects include an Airline Performance Analysis Dashboard and a Retail Sales Forecasting Model with 87% accuracy.

I am particularly excited about **Government of Nova Scotia's** work in data analytics. My technical stack—Python, Power BI, RPA, and SQL—matches the skills you seek, and I am eager to apply my analytical mindset to solve real-world data challenges.

I have attached my resume and a tailored cover letter for your review. I welcome the opportunity to discuss how I can contribute to **Government of Nova Scotia** and look forward to hearing from you.

Sincerely,  
Vrajesh Bhatt