

# Dhruv Garg

📍 Vancouver, Canada ✉️ [d23garg@gmail.com](mailto:d23garg@gmail.com) ☎️ +1(778)-989-1180 🔗 [LinkedIn](#) 🐙 [GitHub](#)

## SUMMARY

Data Scientist with 3 years of experience and soon completing a Master's in Data Science. Specialized in developing and deploying machine learning solutions that drive marketing ROI. Track record of translating complex analytical insights into actionable business recommendations. Combines hands-on industry experience with advanced academic training in statistical modeling and machine learning.

## EXPERIENCE

### Graduate Academic Assistant

University of British Columbia – Vancouver, Canada

December 2024 – Ongoing

- Evaluated 4–8 applications per week for the MDS program, assessing candidates' suitability.

### Data Scientist

[Highbrow Technology Inc](#) - NC, USA (Remote)

April 2024 – December 2024

IT Services and IT Consulting

- Implemented systematic evaluation frameworks to assess LLM outputs across multiple parameters including accuracy, coherence, and task completion
- Analyzed and quality-assured 100+ Python scripts weekly, ensuring code quality and maintaining evaluation standards for LLM testing.

### Data Scientist

[SprigHub](#) – CA, USA (Remote)

March 2021 – April 2024

AI-driven startup helping marketers measure and enhance their impact.

- Designed a statistical approach-based Marketing Attribution Model that attributed total conversions to platforms based on historical data, leading to more effective resource allocation and a 5-7% improvement in ROI.
- Optimized attribution code using PySpark and SQL, reducing job costs by 70% while analyzing 10+ million records in the GA 4 database.
- Created multiple ETL processes in Python, PySpark, and SQL to seamlessly transfer data from various data sources in Google Cloud Platform to AWS, ensuring data integration across platforms.
- Collaborated closely with UI and DevOps teams to ensure timely project launches and smooth cross-functional transitions. Developed multiple dashboards for clients to visualize campaign performance easily.

## EDUCATION

### Master of Data Science

August 2024 – June 2025

University of British Columbia • Vancouver, Canada • 4.3/4.3

### Bachelor of Technology in Electrical and Electronics

August 2017 – May 2021

Shiv Nadar University • Uttar Pradesh, India

## PROJECTS

### [Retail Pulse](#)

February 2025 – March 2025

#### UBC MDS

Created an interactive Dash based data driven Dashboard which enables retailers to gain real-time insights into their business performance.

Key Technologies used: Dash, Render, GitHub, Python, conda

### [Num Theory](#)

January 2025 – February 2025

#### UBC MDS

Created and published a Python package on PyPI implementing solutions for Project Euler mathematical problems

Key Technologies used: Poetry, Quarto, Git, Read the Docs, Code coverage

### [Rental Bike Prediction](#)

November 2024 – December 2024

#### UBC MDS

Developed a docker based ML pipeline for predicting bike rental demand, enabling reproducible analysis and model deployment

Key Technologies used: Docker, Quarto, Scikit-Learn, Git Services, Make, conda

## SKILLS

**Technical Skills:** Python, R, PySpark, Docker, Quarto, conda, CI-CD Pipeline, SQL, AWS, Excel, Deep Learning, ETL, A/B Testing, Unsupervised Learning, Supervised Learning, Machine Learning, Deep Learning, Hypothesis Testing, Dash, Render, LLMs

**Software:** Git, Bitbucket, Jira

**Soft Skills:** Leadership, Highly Motivated, High Performing, Take Ownership, Extra Mile, Flexible