




Dominic Bolton

Deriving valuable insights from messy data

Contact

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Portfolio Website

averyprofessionalusername.github.io

Education

University of British Columbia
B.Sc. Physics
2021

Skills

- Python
- Anaconda
- SQL
- DataGrip (JetBrains)
- AWS (Redshift, S3)
- QGIS
- PowerBI
- Excel
- Git
- Jira
- JavaScript/HTML/CSS
- Web Crawling
- Data Analysis
- ETL Pipelines
- Machine Learning
- Network Infrastructure

Work Experience

Data Engineer

ThinkCX *Dec 2022 - Present*

- Worked in a small team to develop data pipelines that transform raw internet traffic and phone porting data into valuable market intelligence solutions for telecommunications companies in Canada, the US and the UK.
- Lead research and development projects to develop novel market intelligence products for our biggest clients.
- Design, develop and productize complex data pipelines to transform messy data into valuable market intelligence in SQL.
- Perform data exploration to understand the quality and possible use cases of potential and current data subscriptions.
- Use relevant machine learning models for time-series prediction and classification problems.

Data Analyst

ThinkCX *Aug 2021 - Dec 2022*

- Designed and developed PowerBI dashboards for client facing data visualization.
- Perform QA on our data before sending it off to clients.
- Used web scraping and web crawling methods in python to collect and clean publicly available data for internal analytics.
- Understand market movements using a variety of external sources and our own data.

Freelance Data Scraper

Feb 2024 - Present

- Take on data scraping projects when I have time.
- Schedule tasks to autonomously scrape data from websites.
- Data cleaning and simple analysis.

Volunteer Data Analyst

Ski Jumping Canada *Summer 2021*

- Independently managed end-to-end data processing, including data collection, validation, cleaning, exploratory analysis, and feature engineering on publicly available ski jumping data. Derived actionable insights and conclusions to support a funding proposal for the Canadian government.

Software Developer Intern

Pi Cubed Process Systems Ltd. *Summer 2020*

- Developed a GUI desktop app for communicating with and writing to an embedded microchip (Arduino).

* References available upon request