Ryan-James (RJ) Calabio

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EDUCATION

Western Governor's University   Expected Sep. 2024
Master of Science, Data Analytics

University of California, Irvine   Dec. 2023
B.A. Economics

SKILLS

- **Programming:** Python (Scipy, Meta Prophet, Optuna, Streamlit, Apriori, Jupyter Lab, VS Code)
- **BI:** Snowflake, SQL, Power BI (Data Visualization), Excel
- **Data Science**: Hypothesis Testing (Linear Regression, T-Test, ANOVA, Chi-Squared), ETL, Data Science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Time series, Experiment Design, A/B Testing

EXPERIENCE

SpartanNash   Grand Rapids, MI
Business Intelligence Developer (Ecommerce/Marketing)   Feb 2024 – Present
Business Intelligence Intern   Mar 2022 – Feb 2024

- Scaling and deploying machine learning model for sales forecasting on Snowflake, increasing mean accuracy of forecast by 12% and reducing man-hours spent on manual creation of forecast
- Implementing Snowflake LLM's with LLaMA integration to generate context for marketing data and applying these to models like Apriori, generating over 1,000,00 rows of context
- Developing Power BI semantic model to be used across team. Working to create, maintain, and utilize proper development, UAT, and production pipelines and workspaces for development in environment of 100+ reports
- Creating slide deck and presenting to VP of Data on forecasting use cases and ML Ops processes that could be implemented, and getting green-lit to develop and productionalize recommendations
- Query and visualize large tables of data with over 2,000,000,000 rows of retail and sales data using SQL, Power BI, and Snowflake for reporting and analysis
- Collaborate with marketing, retail, and finance teams to align on business requirements for prioritization, develop Power BI reports, and present to executive leadership on analysis findings
- Developing and enforcing CI/CD process, UI Checklist, and over report development checklist for offshore developers for Power BI reports to reduce report inconsistencies by up to 50%
- Participation in daily scrum and Agile methodology using Jira and Kanban boards, working with cross functional team to ensure deliverables are completed in an efficient and timely manner

Richter Consulting   Toronto, Ontario
Risk Analyst Intern   May 2019 – Mar 2020

- Improved intake of new clients by leveraging a dark web monitoring tool and compile data into sales pitch reports and presentations, and present slid decks alongside Vice President

PROJECTS

UCI OIT Dataset Winner, UCI Datathon 2023   April 2023

- Won category for UCI OIT dataset with team of 3+. Created a model to predict sepsis diagnosis.

Speech Team, Orange Coast College   Jan 2019 – Dec 2019