Avery Taylor

MSc Data Science Graduate | Data Scientist

Profile

- **Analytical and creative**: Skilled in applying statistical modeling and machine learning to solve practical business challenges.
- **Collaborative partner**: Effective at working across teams and functions to deliver meaningful analytics solutions.
- **Continuous learner**: Passionate about embracing new technologies and best practices in data science.

Skills

Frameworks	scikit-learn, PyTorch, pandas, NumPy, Matplotlib, Docker, Git
Languages	Python, SQL, R, Bash, LaTeX
Tools	JupyterLab, VS Code, Tableau, Power BI, Ubuntu/Linux

Professional Experience

Jul 2023 - Present
Data Scientist, *Spectrum Data Solutions*, Meadowfield, Country.
- Designed and implemented machine learning models for customer demand forecasting, improving business predictability by 15%.
- Developed automated ETL pipelines, increasing reporting efficiency and reducing manual tasks for the analytics team.
- Collaborated with marketing and business teams to perform customer segmentation for targeted campaigns.

Jul 2022 - Jun 2023
Data Analyst Intern, *Spectrum Data Solutions*, Meadowfield, Country.
- Built interactive dashboards to present insights to stakeholders across departments.
- Supported senior data scientists with data preparation and advanced feature engineering for ML initiatives.
- Conducted exploratory data analysis on product and sales datasets.

Education

2020 - 2022
MSc in Data Science, *Meadowfield University*, Meadowfield, Country.
Thesis: "Deep Learning for Predictive Retail Analytics"

2016 - 2020
BSc in Mathematics, *Meadowfield University*, Meadowfield, Country.

Projects

Open Source	Lead developer for retail-analytics, an open-source PyTorch toolkit for demand forecasting.
Data Competition	Top 10% in [International Data Science Challenge] for customer churn modeling.

Languages

English	C2
Spanish	B1
German	A2

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Community Involvement

Speaker, “Diversity in Data Science” panel at DataCon 2024

Volunteer, LGBTQ+ Tech Mentorship Program