

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 Top 10% in [International Data Science Challenge] for customer churn modeling.
- Competition

Languages

English C2
Spanish B1
German A2

Community Involvement

Speaker, "Diversity in Data Science" panel at DataCon 2024

Volunteer, LGBTQ+ Tech Mentorship Program