

Dustin Eagar

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Summary

Results-driven data scientist with an engineering mindset and a record of delivering business solutions. Skilled in data pipeline design and engineering, statistical analysis, and end-to-end ML and AI solution development.

Skills

- **Programming Languages:** Python, SQL, R
- **Data Engineering:** PySpark, Databricks
- **Statistical Inference:** Hypothesis Testing, Statistical Modeling, Bayesian Inference, Probabilistic Programming, Causal Inference
- **Machine Learning:** Supervised and Unsupervised ML Methods, Model Evaluation, PyTorch, XGBoost, SciKitLearn, MLFlow
- **AI & LLMs:** Open-source AI Engineering, LLMs, RAG, Agentic Workflows, Argilla, Huggingface
- **Data Visualization:** Matplotlib and Seaborn, Plotly, Dash
- **Deployment and DevOps:** Linux SysAdmin, Docker, Model Deployment, Flask
- **Cloud Platforms:** AWS, Azure, VPS Admin

Experience

Navigate360 - Richfield, OH (Remote) Apr. 2022 – Present
Data Scientist

- Led effort to modernize MLOps process and pipeline leveraging PySpark and Argilla.
- Contributes to development and deployment of natural language AI solutions.
- Developed testing tools and analytics suites for model monitoring.
- Uses statistical inference and various machine learning methods to drive decision making.
- Effectively communicates technical results to cross-functional teams and stakeholders.

Instant Technologies - Portsmouth, New Hampshire Sep. 2020 – Mar. 2022
Developer - Data Analysis and Automation

- Automated front-end testing processes, reducing development cycles by 6-8 hours.
- Designed and deployed a help desk query classifier using LDA and Flask.
- Enhanced DevOps analytics to improve performance tracking and debugging.

Leonine Public Affairs - Montpelier, Vermont Feb. 2016 – Jul. 2019
Legislative and Regulatory Analyst

- Analyzed legislative developments across the 50 states and Congress.
- Delivered policy insights to stakeholders, focusing on education initiatives.

Education

University of Vermont - Burlington, Vermont 2014
Bachelor of Arts in Economics, Political Science, and Pure Mathematics

Massachusetts Institute of Technology - Virtual via EdX 2021
MicroMasters Graduate Certificate in Statistics, Data Science, and Machine Learning