
Supporting data-driven decision-making through mathematical objectivity and business-friendly visualization.

EXPERTISE

- Data Storytelling (8+ years)
 - Presentation (8+ years)
 - Python (7+ years)
 - Tableau (4+ years)
 - Generative AI (2+ years)
 - R (4+ years)
 - SQL (4+ years)
 - Databricks (5+ years)
 - Writing (150+ reports)
 - Artificial Intelligence Engineering
 - Pandas/Numpy
 - Regression Analysis
 - Neural Networks
 - Convolutional Neural Networks
 - Random forests
 - Cross-validation
 - Support Vector machines
 - Co-variance plots
 - KNN regression
 - Time-Series Forecasting
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WORK EXPERIENCE

Perrigo- Finance Technology Consultant

Nov 2024-Present

- Built an SAP/Python script to automate invoice posting for unit of measure discrepancies (5-15% improvement)
- Built a fully automated and organized script to tie out financial reporting across 3 different SAP systems, inclusive of screenshots, pdf creation, data cleaning, and pivot table creation.
- Evaluated and helped refine the scope for a financial fraud detection system

Outlier AI- Data Scientist

Apr 2024-Nov 2024

- Training and tuning Large Language Models in Data Analytics / Data Science
- Engineering and tuning prompts for more efficient AI conversations
- Generating, reviewing and editing Python and SQL code

Datavations - Sr. Insights Analyst

Oct 2023-Apr 2024

- Identified trends and opportunities to cross-functional teams, enhancing data comprehension and strategy
- Built dashboards and insights reports and presented to executive audiences
- Leveraged Natural Language Processing to clean attribute metadata and reduce its dimensionality

Vanmoof - Solutions Architect

Nov 2021- Oct 2023

- Developed reports to communicate complex data insights to stakeholders, enhancing operational efficiency
- Designed scalable, data-driven solutions for pressing problems within the US market
- Analyzed battery performance data and computer-generated error messages to diagnose issues

CI<SS - Founder & CEO

Mar 2021- Oct 2023

- Founded a social media company; Built front-end and back-end of company website
- Built data pipelines for automated ingestion, processing, organization, ranking and presentation
- Built API connections to leading 3rd party softwares for enhanced tracking, data processing, and statistical analysis

M Science (Jefferies) - Data Scientist/Investment Research Associate

Jun 2019-Mar 2021

- Translated complex data sets into actionable insights for key stakeholders, supporting strategic investment
- Forecasted Revenue and SSS for 9 publicly traded companies, and derived insights on digital/delivery share of sales, geography and retention analyses, menu mix, among other analyses (using Python and R, primarily)
- Generated insights using data from credit cards, email receipts, weather, web-scraping bots, and more

PTC - Corporate Development Analyst / Corporate Strategy Analyst

Jul 2016 - Jul 2018

- Communicated data-driven insights through reports and presentations, aiding strategic decision
 - Generated and maintained M&A leads (Augmented Reality and 3D printing)
 - Worked on market/opportunity sizing and pricing projects for IoT and AR products
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EDUCATION

Massachusetts Institute of Technology; Applied Data Science Program (12-week course)

Jun 2023

- Python, Statistics, Data Analysis & Visualization
- Machine Learning, Deep Learning, Recommendation Systems
- Generative Artificial Intelligence

Boston College; Bachelor of Science, Mathematics, Economics Minor

May 2016

- Gradient Descent & Multivariable optimization problems (Multivariable Calculus, Advanced Algebra)
- Back-Propagation, Time-Series Analysis (Differential, Partial Differential Equations, Waves & Vibrations)
- Statistical Analysis (Statistics, Probability, Econometrics, Sports Econometrics, Big Data (using python))
- Other (Financial Accounting, Micro & macroeconomics (+ associated theory courses), computer science (python))