KEVIN S. COYLE
DATA SCIENTIST
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SUMMARY

I am a Data Scientist, comfortable with single-node and distributed analytics. I have built and maintained machine learning based software for Fortune 100 companies. My work includes data warehouse design and data warehouse migrations, deploying machine learning models at scale, and implementing bespoke analytics applications.

SKILLS

Software Stack:

Python | Scala | R | SQL | NumPy | Pandas | SciKit-Learn | SciPy | PyTorch | MLflow | Databricks | Apache Spark | Delta Lake | Feature Store | Docker | Snowflake | Amazon Redshift | PostgreSQL | neo4j | MongoDB | Redis | Amazon AWS Suite | EC2 | S3 | Selenium | Flask | Git | Airflow | Tableau | Looker | Periscope

Other Skills:

Salesforce Marketing Cloud | Microsoft Office Suite | Google Office Suite | Comfortable in Ubuntu, Mac OS, and Microsoft

PROFESSIONAL EXPERIENCE

Manager AI and Analytics

A&MPLIFY | Los Angeles, CA | 2023 - Present

Lead generative AI research and development. Assist Senior Data Scientists and Junior Data Scientists with thought-leadership and code guidance. Notable projects: AWS infrastructure rebuild for eCommerce company, generative AI personalized recommender for hotel chain, internal initiatives on technical coding environment for recruiting.

Technical Data Science SME Curriculum Developer

Databricks | San Francisco, CA | 2020 - 2023

Designed and deployed models using the Databricks platform. Designed and taught curriculum about distributed and single-node machine learning and deep learning to customers. Notable projects: end-to-end design of Data Engineering learning pipeline, Apache Spark Programming content, and Scalable Machine Learning self-paced content.

Senior Data Scientist

Capgemini | Burbank, CA | 2018 - 2020

Created and productionized models for inward facing use by Business Users: both technical and non-technical. Communicated insights to VP and Executive Director level personnel in Technology, Media, and Telecommunication vertical. Created and pursued potential projects by understanding pain points and leveraging data engineering and machine learning to add business value by automating processes and reducing overhead. Notable projects: greenlight movie forecasting models in R with Shiny, home-entertainment multi-adaptive regression spline models in Python with Shiny app, and Tableau dashboard build outs with a cruise line.

Data Scientist

Alo Yoga | Commerce, CA | 2017 - 2018

Used a variety of methods and techniques to do predictive customer modeling and segmentation, automate marketing campaigns across multiple channels, and create forecasting models. Primarily supported Web and Ecommerce department, but worked cross functionally to support Social Media team, In-Store team, as well as Product team. Notable projects include: media mix model, product recommender, and marketing funnel lifecycle analysis.

Data Science Lead Instructor

General Assembly | Santa Monica, CA | 2017 - 2022

Worked directly with a cohort of students to help guide them through a rigorous, transformational journey towards junior roles in data science. Class topics included Python, the data science framework, statistics, linear algebra, machine learning models, natural language processing and more.

EDUCATION

General Assembly, Santa Monica, CA

Data Science Immersive

California State University, Sonoma, Rohnert Park, CA

Bachelor of Arts, International Relations - Political Science