Andrew Loeber

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PROFESSIONAL PROFILE

Experienced data scientist with eight years of hands-on expertise in device- and customer-focused data analytics. Skilled in data preparation, pipeline management, and analysis on large & complex datasets using Amazon Redshift SQL, Excel, and Tableau. Extensive knowledge of modern data science techniques cultivated through master's degree program and self-study, including significance testing, clustering, feature engineering, data engineering, dimensionality reduction, data mining, regression, classification, neural networks, and hyperparameter optimization.

EDUCATION

➤ **Master of Information and Data Science (in progress)** May 2024
University of California, Berkeley

Relevant Courses: Applied Machine Learning, Data Visualization, Statistics for Data Science, Fundamentals of Data Engineering, Computer Vision

➤ **B.S. in Systems Engineering** May 2014
George Mason University

SKILLS & TOOLS

Programming	Python Libraries		Cloud & Data		Software Tools	
SQL	NumPy	TensorFlow/Keras	AWS Redshift	Jenkins	Tableau	Excel
Python	Pandas	PyTorch	AWS S3	Airflow	DataSpell	PowerPoint
R/RStudio	Matplotlib	Scikit-Learn	AWS EC2	Docker	DBeaver	Word
Git/Github	Seaborn	Scikit-Image	Databricks	Neo4j		

WORK EXPERIENCE

➤ **Data Scientist** Oct. 2018 – Oct. 2022
Business Analyst Sep. 2014 – Oct. 2018
HP Inc.
- Leverage big data resources to support decision-making in HP's printing business
- Process, clean, and aggregate inkjet printing data using Amazon Redshift SQL
- Analyze printing behavior and profitability by customer segment
- Build insight-ready dashboards using Tableau
- Communicate results to stakeholders and management
- Manage pipelines turning printer usage data into actionable data products
- Develop algorithms to estimate ink level and predict when low threshold is reached