

Emma Davis

Amazon Data Scientist

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San Jose, CA 📍

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Dynamic data scientist with a strong foundation in machine learning, data analysis, and problem-solving. Eager to join Amazon's world-class data science team to leverage data-driven insights that drive business growth.

Work Experience

Adobe – Data Scientist

2018 - current

San Jose, CA

- Led data analysis initiatives that resulted in a 37% increase in customer retention rates.
- Developed predictive models using TensorFlow, **reducing forecasting errors by 21%**.
- Implemented Apache Hadoop to analyze large-scale datasets, improving data processing speed by 33%.
- Utilized Pandas and Python for data manipulation, resulting in a 2-hour reduction in data cleaning time.

Cisco Systems – Junior Data Engineer

2015 - 2018

San Jose, CA

- Collaborated with a cross-functional team to develop ETL pipelines, improving data processing efficiency by 26%.
- Leveraged Amazon Redshift to optimize data warehouse performance, resulting in a 3-hour reduction in query execution times.
- Automated data ingestion processes using AWS Glue, **reducing manual effort by 32%**.
- Conducted sentiment analysis on customer reviews using NLTK, providing valuable insights to the marketing team.

eBay – Trainee Data Analyst

2012 - 2015

San Jose, CA

- Set up Kafka clusters and integrated data sources, resulting in a 30% improvement in data processing efficiency.
- Achieved a **\$4K reduction in infrastructure costs** by containerizing data processing components.
- Spearheaded automated deployment scripts and version control using Git, resulting in a 27% decrease in deployment errors.
- Used Python and SQL to clean and preprocess data, achieving a data quality improvement of 18%.

Education

Stanford University – Bachelor of Science, Computer Science

2008 - 2012

Stanford, CA

Skills

Python; Pandas; TensorFlow; Apache Hadoop; Amazon Redshift; AWS; NLTK; Apache Kafka; Git; Docker