

Emma Davis

Amazon Data Scientist

e.davis@email.com

(123) 456-7892

Boston, MA

[LinkedIn](#)

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

Data Scientist - Adobe

2018 - current

Boston, MA

- 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.

Junior Data Engineer – Cisco Systems

2015 - 2018

Boston, MA

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

Trainee Data Analyst - ebay

2012 - 2015

Boston, MA

- 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%
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EDUCATION

Stanford University - Bachelor of Science, Computer Science 2008 - 2012

Cambridge, MA

SKILLS

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