

Casey Davis

AWS Data Engineer

AWS-certified Data Engineer with four years of experience building scalable data lakes and real-time streaming solutions on AWS. Proficient in Glue, Kinesis, Redshift, and Python.

KEY SKILLS



- AWS Glue & Kinesis
- Amazon Redshift
- Python & Spark
- Infrastructure as Code (CloudFormation)

EDUCATION



B.S. in Information Systems

University of Texas at Austin
TX | May 2017

PROFESSIONAL EXPERIENCE



AWS Data Engineer | DataStream Inc., Austin, TX
March 2020 – Present

- Designed Glue ETL jobs processing 5 TB of JSON and Parquet data weekly
- Built Kinesis data streams to support real-time analytics, reducing latency from 10 minutes to 30 seconds
- Managed Redshift clusters and optimized table distribution keys, boosting query performance by 60%
- Automated CloudFormation templates for environment provisioning, saving 20 hours/month

Data Analyst | InsightWorks, Austin, TX
January 2018 – February 2020

- Created Python scripts to automate data validation, cutting manual QA time by 70%
- Developed Tableau dashboards that tracked KPIs for marketing campaigns, increasing ROI by 15%
- Migrated legacy ETL workflows into AWS, reducing operational costs by 25%
- Collaborated with data scientists to deploy ML models into production

CERTIFICATIONS



- AWS Certified Data Analytics – Specialty, February 2021
- Senior Big Data Engineer, Data Science Council of America, May 2019