

# Marcus Thompson — Data Scientist

Years of Experience: 6  
Associate Degree in Mathematics

MARCUS THOMPSON

Data Scientist

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## SUMMARY

Analytical and results-driven Data Scientist with six years of progressive experience in data analytics, statistical modeling, and machine learning across diverse industry sectors. Leveraging a solid mathematical foundation to transform raw data into actionable insights, improving business performance and supporting data-driven decision making. Proficient in Python, R, SQL, and advanced analytics tools with a proven track record of deploying predictive models, visualizing complex data, and optimizing data pipelines. Adept at collaborating with cross-functional teams to translate business requirements into elegant, scalable data solutions.

## SKILLS

Python, R, SQL, Machine Learning, Statistical Modeling, Data Visualization, Tableau, Pandas, NumPy, Scikit-Learn, TensorFlow, Data Cleaning, Feature Engineering, Predictive Analytics, A/B Testing

## EXPERIENCE

- Collected, cleaned, and processed large datasets to support business reporting.
- Built automated ETL workflows using Python and SQL.
- Created interactive dashboards in Tableau for executive stakeholders.
- Conducted exploratory data analysis to uncover key business insights.
- Led a team of 3 analysts on cross-departmental data projects.
- Developed predictive models for customer churn using scikit-learn.
- Optimized data pipelines, reducing processing time by 35%.
- Collaborated with product managers to prioritize data initiatives.
- Designed and deployed machine learning models for recommendation systems.
- Implemented feature engineering strategies to improve model accuracy.
- Worked with AWS S3 and Redshift to manage data storage and retrieval.
- Presented model findings and actionable recommendations to senior leadership.
- Architected end-to-end data science solutions for financial risk analysis.
- Integrated TensorFlow models into production pipelines for real-time scoring.
- Mentored junior analysts on best practices in data science and statistics.
- Delivered dashboards and reports that informed strategic investment decisions.

## EDUCATION

Associate Degree in Mathematics, Lincoln Community College, St. Louis, MO, 2017