SARAH JOHNSON

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Location: New York, NY

# PROFESSIONAL SUMMARY

Data Scientist with 5+ years of experience in machine learning, statistical analysis, and big data technologies. Proven track record in developing predictive models and data-driven solutions that drive business growth.

# TECHNICAL SKILLS

• Programming: Python, R, SQL, Scala

• Machine Learning: Scikit-learn, TensorFlow, Keras, XGBoost

• Data Processing: Pandas, NumPy, Apache Spark, Hadoop

• Visualization: Matplotlib, Seaborn, Plotly, Tableau, Power BI

• Databases: MySQL, PostgreSQL, MongoDB, Cassandra

• Cloud: AWS (SageMaker, EMR), Google Cloud Platform

# WORK EXPERIENCE

## Senior Data Scientist | DataCorp | 2021-Present

• Built predictive models for customer churn prediction with 92% accuracy

• Developed recommendation engine using collaborative filtering

• Led data pipeline automation using Apache Airflow and Spark

## Data Scientist | Analytics Inc. | 2019-2021

• Performed statistical analysis and A/B testing for marketing campaigns

• Created interactive dashboards using Tableau and Python

• Collaborated with cross-functional teams to implement ML solutions

# EDUCATION

PhD in Statistics | MIT | 2019

MS in Applied Mathematics | Harvard University | 2017