

SARAH JOHNSON

Data Scientist

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PROFESSIONAL SUMMARY

Results-driven Data Scientist with 4 years of experience in statistical analysis

TECHNICAL SKILLS

Programming: Python, R, SQL, Scala

Data Science: Pandas, NumPy, SciPy, Scikit-learn, Statistics

Machine Learning: TensorFlow, Keras, XGBoost, Random Forest

Big Data: Spark, PySpark, Hadoop, Hive, Kafka

Databases: PostgreSQL, MySQL, MongoDB, Cassandra

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

Cloud: AWS, Google Cloud, Azure

Tools: Jupyter, Git, Docker, Airflow

SOFT SKILLS

- Analytical thinking and data-driven decision making
- Communication and storytelling with data
- Collaboration with cross-functional teams
- Problem solving and critical thinking
- Attention to detail
- Time management
- Continuous learning mindset

WORK EXPERIENCE

Senior Data Scientist | Analytics Corp | 2022 - Present

- Built predictive models improving customer retention by 25%
- Developed recommendation system using collaborative filtering
- Created automated data pipelines using Airflow and Spark
- Presented insights to C-level executives
- Mentored junior data scientists

Data Scientist | DataTech Solutions | 2020 - 2022

- Performed exploratory data analysis on large datasets
- Implemented A/B testing frameworks for product features
- Built dashboards using Tableau and Power BI
- Collaborated with engineering teams on ML model deployment

EDUCATION

Master of Science in Data Science

Tech University | 2018 - 2020

Bachelor of Science in Statistics

State College | 2014 - 2018

CERTIFICATIONS

- Google Cloud Professional Data Engineer
- Tableau Desktop Specialist
- Deep Learning Specialization (Coursera)

PROJECTS

Customer Churn Prediction

- Analyzed historical data to predict customer churn
- Achieved 87% accuracy using ensemble methods
- Deployed model to production using Flask API

Sentiment Analysis Tool

- Built NLP pipeline for social media sentiment analysis
- Processed over 1M tweets using Spark