

# JANE SMITH

Senior Data Scientist  
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## PROFESSIONAL SUMMARY

Data scientist with 7+ years of experience in machine learning, statistical analysis, and big data processing. Proven track record of building predictive models that drive business decisions and improve operational efficiency. Expert in Python, R, SQL, and cloud-based analytics platforms.

## PROFESSIONAL EXPERIENCE

### ***Senior Data Scientist - DataCorp Technologies (2019 - Present)***

- Led cross-functional team of 8 data scientists and engineers
- Developed machine learning models increasing customer retention by 25%
- Built real-time recommendation system processing 1M+ events daily
- Implemented A/B testing framework for product optimization
- Technologies: Python, TensorFlow, Scikit-learn, Apache Spark, AWS

### ***Data Scientist - Analytics Solutions Inc. (2017 - 2019)***

- Designed predictive models for fraud detection with 95% accuracy
- Created automated reporting dashboard using Tableau and Power BI
- Performed statistical analysis on customer behavior patterns
- Collaborated with product teams on feature development

## EDUCATION

**Ph.D. in Statistics** - Stanford University (2017)  
Dissertation: "Bayesian Methods for Large-Scale Time Series Analysis"

**Master of Science in Mathematics** - UC Berkeley (2014)  
Specialization: Applied Statistics and Probability

## TECHNICAL SKILLS

**Programming Languages:** Python, R, SQL, Scala, Java  
**Machine Learning:** TensorFlow, PyTorch, Scikit-learn, XGBoost  
**Big Data Tools:** Apache Spark, Hadoop, Kafka, Elasticsearch  
**Cloud Platforms:** AWS (SageMaker, EMR, Redshift), Google Cloud Platform  
**Visualization:** Tableau, Power BI, Matplotlib, Plotly, D3.js  
**Databases:** PostgreSQL, MySQL, MongoDB, Cassandra, Redis

## **CERTIFICATIONS**

- AWS Certified Machine Learning - Specialty (2022)
- Google Professional Data Engineer (2021)
- Certified Analytics Professional (CAP) (2020)