

Anya Sharma

Data Science Professional

Education

- 2019–2021 **Master of Science in Data Science**, *Stanford University*, Stanford, CA
Specialization: Machine Learning and Predictive Modeling.
- 2015–2019 **Bachelor of Technology in Computer Science**, *Indian Institute of Technology (IIT)*, Delhi, India
Thesis: Optimized Neural Networks for Real-time Sensor Data Analysis.

Professional Experience

- 2022–Present **Senior Data Scientist**, *Tech Innovate Corp.*, San Francisco, CA
- Developed and deployed a **fraud detection model** that reduced financial losses by 18% year-over-year.
 - Led a team of three data analysts, improving team efficiency by 25% through the implementation of MLOps pipelines.
 - Designed and optimized large-scale A/B tests for product features, directly contributing to a 10% increase in user engagement.
- 2021–2022 **Data Scientist**, *FinTech Solutions*, New York, NY
- Built and maintained ETL pipelines using Python and Apache Spark for monthly reporting.
 - Performed advanced statistical analysis on customer churn data to identify key retention drivers.

Skills

Program- ming	Python (Pandas, NumPy, Scikit-learn, TensorFlow), SQL, R, JavaScript
Data Platforms	AWS (S3, EC2, SageMaker), GCP, Docker, Kubernetes
Tools	Git, Tableau, Power BI, Hadoop, Apache Spark
Languages	English (Native), Hindi (Fluent)

Projects

2021 **Predictive Inventory System, Python, TensorFlow, AWS**

A time-series forecasting model to predict optimal stock levels for a retail client, resulting in a 15% reduction in overstocking costs.

2020 **Customer Sentiment Analyzer, NLP, Scikit-learn**

Used natural language processing techniques to categorize and score customer feedback from social media, achieving 90% classification accuracy.

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