

# Data Scientist

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## Professional Summary

Experienced Data Scientist with 6+ years in leveraging machine learning, statistical analysis, and data storytelling to solve real-world problems. Proven expertise in building end-to-end ML pipelines, deploying models to production, and translating insights into business strategies that drive measurable ROI.

## Core Competencies

- |                    |   |                     |                      |
|--------------------|---|---------------------|----------------------|
| • Machine Learning | Deep Learning                             | NLP                 | Time Series Analysis |
| • Data Engineering |   | Big Data Analytics  | A/B Testing          |
| • Model Deployment | MLOps                                     | Feature Engineering | Experimentation      |
| • Python, R, SQL   | Pandas, scikit-learn, TensorFlow, PyTorch |                     | AWS, GCP             |

## Professional Experience

**Senior Data Scientist — Quantive Analytics —** *Remote / Bangalore*  
*Jul 2020 – Present*

- Led development of real-time fraud detection system using XGBoost, reducing false positives by 36%.
- Designed and implemented NLP pipeline to extract entities from customer feedback; improved sentiment accuracy to 92%.
- Partnered with product and engineering teams to deploy ML models in production using Docker and Airflow.
- Mentored 3 junior data scientists; introduced peer review and model monitoring workflows.

**Data Scientist — DataGenix Labs —** *Hyderabad, India*  
*Jan 2017 – Jun 2020*

- Built LSTM-based time-series models for demand forecasting across 50+ SKUs; improved inventory efficiency by 25%.
- Created customer segmentation models using k-means and hierarchical clustering, boosting campaign ROI by 40%.
- Collaborated with business analysts to design A/B experiments and interpret causal impact.

## Key Projects

**AI-Powered Resume Screening Engine (2023)** — Developed a BERT-based model to rank resumes by job relevance; integrated into HR system, reducing screening time by 60%.

**End-to-End Sales Forecasting Pipeline (2022)** — Orchestrated data ingestion, cleaning, feature engineering, model training, and dashboarding for 7 regional sales teams.

## Education

**M.Tech in Data Science and Engineering**  
Top University, India *Year – Year*

## Certifications

- TensorFlow Developer Certificate
- AWS Certified Machine Learning – Specialty
- Deep Learning Specialization (Coursera – Andrew Ng)

## Publications & Talks

- Co-authored: “Domain Adaptation in Text Classification using BERT Variants” – ACM DL, 2022
- Speaker: “MLOps in Real World” – DataHack Summit 2023

## Tools & Technologies

- **Languages:** Python, R, SQL, Bash
- **ML/AI:** scikit-learn, TensorFlow, Keras, PyTorch, Hugging Face
- **Data:** Pandas, NumPy, Dask, Spark, BigQuery
- **Cloud/MLOps:** AWS Sagemaker, GCP Vertex AI, MLflow, Airflow, Docker
- **Visualization:** Matplotlib, Seaborn, Plotly, Tableau