

PROFESSIONAL SUMMARY

Data Scientist with 4+ years of experience designing ML models for fraud detection, customer risk scoring, and real-time analytics. Led deep learning implementations (LSTM/RNN) that improved fraud detection accuracy to 90% across 10M+ financial records. Ready to deliver measurable value in 30 days by accelerating ML deployment pipelines and driving model performance tuning.

TECHNICAL SKILLS

- Languages: Python (Pandas, NumPy, scikit-learn, TensorFlow, PyTorch), R, SQL
- Tools: MLflow, Apache Airflow, Tableau, Power BI, AWS, Snowflake, Git
- Machine Learning: Classification, Regression, LSTM, Time Series, Anomaly Detection, XGBoost
- Big Data: Spark, Hadoop, Hive, Data Warehousing
- MLOps: Automated pipelines, model retraining, performance monitoring
- Other: A/B Testing, Agile, Stakeholder Reporting

PROFESSIONAL EXPERIENCE

Boston New Technology — Chief of Operations and Data Strategy

New York, NY | Dec 2023 – Dec 2024

- Delivered 10+ Tableau dashboards that improved event performance by 20% and operations by 15%
- Analyzed 5,000+ attendee records using statistical techniques, increasing retention by 22%
- Automated reporting workflows, cutting reporting time by 35% and boosting accuracy by 40%
- Reduced \$50K in annual costs through data-backed resource allocation
- Led 8-person cross-functional team to deploy insights-driven operational improvements

Capgemini — Senior Data Analyst (Associate Consultant)

Chennai, India | Apr 2022 – Oct 2022

- Built 15+ ML/DL models (LSTM, RNN) in Python, raising fraud detection accuracy to 90% over 10M+ transactions
- Created 8 Tableau dashboards that reduced KPI reporting time by 40%
- Optimized Spark-based ETL pipelines, cutting processing time by 45% and improving data quality by 28%
- Ran A/B tests to support UX decisions, raising conversion by 18%
- Implemented model risk protocols ensuring compliance and stability

Capgemini — Data Analyst (Software Engineer / Sr. Software Engineer)

Chennai, India | Mar 2019 – Apr 2022

- Developed a financial risk scoring engine for 200K+ daily transactions, improving risk flagging by 30%
- Integrated AWS-Snowflake data flows across 5 enterprise systems, cutting latency by 35%
- Enhanced terabyte-scale SQL/Hive queries, reducing dashboard lag by 65%
- Built customer behavior models (85% accurate), aiding fraud prevention strategy

Standardized reporting across 3 business units, ensuring consistent KPI alignment

CAPSTONE PROJECT

AI-Powered Cryptocurrency Assistant – Vester AI

Northeastern University | Sep 2024 – Mar 2025

- Built LSTM neural networks for price forecasting, achieving 88% prediction accuracy
- Integrated LangChain NLP engine to answer 1,000+ crypto queries using real-time document analysis
- Designed a natural language-to-visualization engine converting queries to live charts (e.g., BTC-ETH correlation)
- Developed end-to-end UI in Django for expert and novice users, improving usability by 30%
- Collaborated with team of 3 and presented insights to faculty stakeholders

EDUCATION

- Master of Professional Studies:** Analytics, Northeastern University, Boston (GPA: 4.0) | Sep 2023 - Mar 2025
- PG Diploma:** Data Science, IIIT, Bangalore (GPA: 3.4) | Sep 2018 - Sep 2019
- Bachelor of Engineering:** Computer Science Engineering, Anna University, India (GPA: 3.2) | Aug 2014 - May 2018

RELEVANT PROJECTS

Advanced Financial Risk Prediction System

[GitHub Link](#)

- Trained models on 500K+ records, improving loan approval predictions by 15%
- Maintained 92% prediction accuracy via automated MLflow retraining
- Created risk dashboards that improved stakeholder adoption by 65%

Privacy Policy Analyzer

[GitHub Link](#)

- Created dashboard to compare policy risks across companies, improving clarity for non-technical stakeholders
- Streamlined privacy summary generation process, cutting manual review time by 60%
- Delivered insights via GPT-powered chatbot, improving user trust and engagement

CERTIFICATIONS

- Tableau Desktop Specialist** – Certified by Tableau | Jun 2021
- Google Certified Data Analyst** – Specialty | In Progress