

APPALA SRINIVAS TANAKALA

FinTech Data Scientist | Quantitative Analyst | AI-Augmented Application Architect

📍 Visakhapatnam, India 📞 +91 88974 15303 ✉️ tasrinivass@gmail.com 🌐 [GitHub](#) 📊 [Kaggle](#) 🌐 [LinkedIn](#)
🔥 AI & FINTECH WEB APPLICATIONS PORTFOLIO

SUMMARY

FinTech Data Scientist with 20+ years of extensive mastery in Capital Markets coupled with 4+ years of hands-on expertise building AI-augmented analytical systems, Predictive Models, and Generative AI frameworks. Exceptional capability utilizing Python ecosystems to generate data pipelines and robust RAG architectures that cleanly connect sophisticated market trading intelligence with predictive statistical modeling.

EXPERIENCE

Lead Financial Data Scientist & Consultant

Independent Contracting

📅 May 2022 – Present | 📍 Remote

- Engineered AI-augmented end-to-end Machine Learning pipelines for predictive financial analysis using Scikit-Learn, Pandas, and NumPy.
- Deployed automated AI underwriting engines and custom portfolio risk layers via Streamlit dashboards for real-time visual metrics.
- Built document parsing utilities to reliably clean and strip structural table segments from unstructured multi-page financial data records into CSV files.
- Designed core quantitative forecasting routines for equities and real-estate asset valuations, enhancing strategic tracking precision.

Senior Manager – Sales

SVMS Constructions

📅 Aug 2019 – May 2022 | 📍 Visakhapatnam, India

- Led data-centric property collection rollouts, organized internal customer engagement metrics, and streamlined pipeline tracking.

Data Processing Analyst

IDA Automation Pvt. Ltd. (Client: Fidelity US)

📅 Jul 2017 – Aug 2019 | 📍 Visakhapatnam, India

- Supervised massive structural ETL workflows to process, sanitize, and review legacy enterprise insurance records.
- Formulated complex SQL data mutations to eradicate anomalies and guarantee integrity for analytics dashboard streams.

Branch Manager

Aditya Birla Money Ltd.

📅 Jul 2005 – Aug 2015 | 📍 Anakapalli, India

- Controlled full operational metrics for a retail branch processing a high-volume ₹4 Crore market turnover daily.
- Analyzed strategic risk variables and asset allocations across Equities and Commodities to lock down maximized risk-adjusted returns.

Earlier Professional History (2001 – 2005):

Bank Officer at ICICI Bank • DP Executive at AMB Financial • Trading Operator at Steel City Securities

CORE COMPETENCIES

Python (Expert), SQL (Queries, Joins), Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Streamlit, RAG Frameworks, LLM Integration, AI-Augmented Tools, Financial Risk Analytics, Portfolio Optimization, Stock Forecasting, Advanced Excel, Power BI

KEY ACHIEVEMENTS

Global Hackathon Dominance

Earning elite placements globally across data science challenges, capturing multiple highly coveted Kaggle Bronze Medals.

Data Pipeline Automation

Architected cross-functional financial ETL parsers capable of indexing dense, multi-page data blocks into relational tracking databases.

AWARDS

Kaggle Bronze Medalist

[Santa 2024 – Permutation Puzzle](#)

Kaggle Bronze Medalist

[Predict Podcast Listening Time Challenge](#)

TRAINING & COURSES

AI/ML for Geodata Analysis

[IIRS / Indian Space Research Organisation \(2024\)](#)

Data & AI Masterclass Suite

[ExcelR Business Analyst Certifications \(2022\)](#)

Machine Learning Foundations

[Tata Steel Professional Training \(2020\)](#)

EDUCATION

Bachelor of Commerce (B.Com)

[Andhra University](#)

LANGUAGES

Telugu		• Native
English		• Professional Working
Hindi		• Elementary / Basic