Appala Srinivas Tanakala

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📍 Visakhapatnam, A.P., India | 🌐 LinkedIn | Kaggle | GitHub

Preferred Location: Remote / Work from Home (WFH)

🎯 Professional Summary

Data Science professional with 3+ years of hands-on experience in machine learning, data analysis, and real-world AI projects, backed by 23 years of total professional experience in financial services, capital markets, and real estate. Skilled in exploratory data analysis (EDA), predictive modeling, and data visualization. Active Kaggle contributor with medal-winning solutions across diverse datasets. Combines strong business acumen with technical problem-solving to drive data-driven strategies. Proven leadership in P&L management, operations, and digital transformation initiatives.

🛠️ Core Skills & Tools

Languages & Tools: Python, pandas, NumPy, scikit-learn, matplotlib, seaborn, Excel, Power BI
Data Science Expertise: Regression, classification, time series, EDA, visualization, feature engineering
Business Domains: Financial analytics, stock broking, insurance, real estate, market strategy
Soft Skills: Team leadership, stakeholder communication, operations strategy, risk management

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📜 Certifications

- **AI/ML for Geodata Analysis** – IIRS / ISRO (Sep 2024)

- **Data Analyst / Business Analyst** – ExcelR (Mar 2022)

- **AI Masterclass** – ExcelR (Apr 2022)

- **Machine Learning** – Tata Steel (Apr 2020)

- **Digital Marketing** – Accenture (Apr 2020)

- **Electric Vehicle Design** – Pantechelearning (Jul 2022)

📊 Selected Data Science Projects

🎧 Predict Podcast Listening Time
Kaggle, Apr 2025 – 🥉 Bronze Medal

- Built regression model to estimate listener engagement

- Implemented EDA, feature selection, and linear regression

- Ranked in top 10% globally

🗳️ **Andhra Pradesh Elections 2024 – Data Analysis**

Kaggle, June 2024

- Analyzed voter turnout, party performance, and demographic trends
- Created visual dashboards using matplotlib and seaborn

🏏 **ICC Men's T20 World Cup EDA**

Kaggle, July 2024

- Explored match data to uncover KPIs driving wins and losses
- Used data wrangling, player-level analysis, and match summaries

🚢 **Titanic Survival Prediction**

Kaggle, May 2022

- Built classification models using logistic regression and decision trees
- Achieved 80%+ accuracy with balanced metrics and visualizations

🌐 **More projects on:** [Kaggle Profile](#) | [GitHub Repos](#)

💼 **Professional Experience**

🔍 **Self-Employed | Data Scientist**

Remote | May 2022 – Present

- Solved 10+ real-world Kaggle challenges across multiple domains
- Designed ML pipelines, EDA workflows, and model evaluation systems
- Published insights and collaborated on global ML competitions

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🏗️ **SVMS Constructions | Sr. Manager – Sales**

Visakhapatnam | Aug 2019 – May 2022

- Managed product launch, pricing, sales strategy, and lead pipeline
- Handled customer lifecycle from inquiry to closure
- Represented company at expos and real estate events

💼 **IDA Automation Pvt. Ltd. | Data Analyst (Fidelity US Client)**

Visakhapatnam | Jul 2017 – Aug 2019

- Delivered data cleaning, dashboarding, and report generation for U.S. title insurance domain
- Ensured data accuracy, compliance, and analysis optimization

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📈 **Aditya Birla Money Ltd. | Branch Manager**

Anakapalli | Jul 2005 – Aug 2015

- Managed equity/F&O, commodity trading, insurance, and mutual fund operations

- Daily turnover over ₹4 Cr in cash markets and ₹2 Cr in commodities

- Supervised 6+ sales staff and delivered consistent profitability

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🏛️ **Earlier Roles (2001–2005)**

ICICI Bank Ltd., **Steel City Securities**, **A.M. Bhatkal Financial Services**

- Led DP transactions, IPO handling, client onboarding, and stock trading operations

- Supported web-based (ICICI Direct) and offline financial product sales

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🎓 **Education**

Bachelor of Commerce
Andhra University, Visakhapatnam

🏅 **Honors & Achievements**

- 🥉 **Bronze Medal** – Santa 2024 Puzzle Challenge, Kaggle (Feb 2025)

- 🥉 **Bronze Medal** – Predict Podcast Listening Time, Kaggle (Apr 2025)

- Recognized contributor in: AI Math Olympiad, Insurance Regression, Multilingual Chatbot Arena (2025)