Trijesh Kondapuram

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Proficient in Python, SQL, Machine Learning, and Data Analysis with hands-on experience building predictive models using real-world datasets. Strong foundation in statistics, problem-solving, and model evaluation with practical project experience.

Key Skills

Programming Languages: SQL (Structured Query Language), Python (Pandas, NumPy), Java

Machine Learning Tools: Scikit-learn, XGBoost, Pytorch

Generative AI Tools: LangChain, Chromadb, GroqCloud

MLOps Tools: MLflow, Docker, GitHub Actions, AWS (S3, EC2, IAM, SageMaker)

Analytical Tools: Matplotlib, Seaborn, Excel, Power BI

Web Technologies: HTML, CSS, Bootstrap, FastAPI, Streamlit

Developer Tools: Git, GitHub, VS Code, Jupyter Notebook, Pycharm

Professional Experience

Infosys Springboard **Remote**

Data Visualization Intern (Internship) Sep 2025 - Nov 2025

- Performed data cleaning, preprocessing, and feature engineering in Python to enhance dataset quality and improve analysis efficiency by ~20%.
- Analyzed screentime patterns across demographics, devices, and activities using univariate & bivariate visualizations created with Matplotlib and Seaborn.
- Developed Power BI dashboards with clear KPIs to support non-technical stakeholders and reporting decisions.

Skills: Python (Pandas, NumPy), Data Analysis, Matplotlib, Seaborn, PowerBI

Projects

Credit Risk Modelling using Machine Learning - Finance Project Link Live Application Link

[Machine Learning / Classification / Python] Oct 2025 - Nov 2025

- Built a classification model to predict loan default risk, achieving ROC-AUC > 0.90, enabling reliable high- vs low-risk applicant segmentation.
- Processed and engineered 50,000+ loan records using Pandas & NumPy, improving data quality and model stability with balancing, encoding, and feature selection.
- Deployed a Streamlit credit-risk app tested by 40+ users, delivering real-time predictions that support faster credit-worthiness evaluation.

Health Insurance Premium Prediction using Machine Learning - Healthcare Project Link Live Application Link

[Machine Learning / Regression / Python] Jun 2025 - Jul 2025

- Built a regression model to predict premiums, achieving $R^2 > 0.85$, enabling accurate and personalized cost estimation.
- Processed and engineered 5,000+ rows of health data with Pandas & NumPy, improving feature quality and boosting reliability by 18%
- Deployed an end-to-end Streamlit app used by 50+ test users, demonstrating seamless ML workflow integration.

AtliQo Bank – Credit Card Launch Analysis - Finance Project Link

[Python / Data Analysis / A/B Testing] Apr 2025 - May 2025

- Analyzed customer demographics and transactions (50K+ records) to assess new credit card feasibility.
- Applied A/B testing on 5 customer segments, validating assumptions and improving targeting accuracy by 15%.
- Delivered 3 key recommendations on product design and cross-selling, enhancing marketing strategy.

Certifications

- SQL for Data Science - Codebasics Certification Link
- Math and Statistics For AI, Data Science - Codebasics Certification Link
- Machine Learning for Data Science & AI - Codebasics Certification Link
- Deep Learning : Beginning to Advanced - Codebasics Certification Link

Education

NBKR Institute of Science and Technology **Vidyanagar, Nellore**

B.Tech - Artificial Intelligence and Data Science Oct 2022 - Apr 2026

8.83

Achievements

- Earned **5-star in Python** and **5-star in SQL** on HackerRank, demonstrating strong programming and data querying skills.
- Secured **2nd place in TechTatva 2K25 Hackathon** (IEEE CIS, NBKRIST) for building an ML-based plant disease detection system, demonstrating problem-solving, teamwork, and rapid prototyping skills.