

Divya Sri Thatikonda

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Portfolio | Nizamabad, Telangana, India

CAREER OBJECTIVE

Aspiring Data Scientist proficient in predictive analytics, statistical modeling, and data visualization. Skilled in Python, SQL, and Power BI, with a keen interest in leveraging data-driven strategies to solve complex problems

TECHNICAL SKILLS

Programming Languages: Python

Data Science & Machine Learning: NumPy, Pandas, Matplotlib, Seaborn, Data Analytics, Statistical Analysis, Machine Learning (Supervised & Unsupervised), EDA, Neural Networks, Deep Learning, NLP

Data Science & Machine Learning Frameworks : Scikit-Learn, Tensorflow, Keras, NLTK, Spacy

Database Management: T-SQL

Software: Microsoft Excel (Advanced), Jupyter, SSMS, PowerBI(Business Intelligence) Desktop, GitHub, Google Colab

Soft Skills: Analytical Skills, Problem Solving Skills, Time Management

INTERNSHIPS

Intellipaate Software Solutions Private Limited | Remote

Sep 2023 - Feb 2024

Data Scientist Intern

- Preprocessed datasets with Python and Pandas for data analysis and insights.
- Designed ML models: Insurance Charges Prediction (84.3% R-squared, Linear Regression), Customer Churn Analysis (80% accuracy, Random Forest).
- Worked on COVID-19 Forecasting (Prophet, time series), Placement Detection (75% accuracy, Decision Tree), and Sales Insights (Power BI dashboards) Projects.

PROJECTS

Hospitality Revenue & Booking Analysis | Power BI, DAX, Power Query Editor, Data Modeling

- Examined a dashboard tracking **1.69 billion INR revenue**, **57.8% occupancy**, and **3.62 avg. Rating** across diverse regions for Atliq Grands Hospitality.
- Pinpointed top revenue of **660.6 million INR** from Mumbai and top occupancy of **60.4% in Delhi**, assessing seasonal trends with **62.6% weekend** vs. **55.8% weekday occupancy** rates.
- Uncovered **24.8% cancellations**, **61.62% revenue from Luxury segment**, and **41% bookings via MakeMyTrip**, driving operational improvements. [\[Link\]](#)

Movie Recommendation System | NLP, CountVectorizer, Cosine Similarity, Scikit-Learn

- Crafted a content-based recommender leveraging a **TMDB 5,000-movie** Kaggle dataset, achieving top 5 movie recommendations tailored to user tastes with **90%+ cosine similarity accuracy**.
- Enhanced CountVectorizer for **30% faster processing**, linked TMDB API for dynamic posters, and launched on Streamlit with **<1s response** time. [\[Link\]](#) Try Recommendations on [\[Link\]](#)

Heart Disease Prediction | Pandas, Visualization, Scikit-Learn, Machine Learning, Statistics

- Formulated a Logistic Regression model yielding **84% training accuracy**, **83% testing accuracy**, and **83% overall** prediction accuracy.
- Attained **82% F1 score** for **non-diseased** cases and **86% F1 score** for **diseased** cases using statistical techniques. [\[Link\]](#)

CERTIFICATIONS

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|---|----------------------|
| MITx MicroMasters in Data Science – MIT | May 2024 – Aug 2024 |
| PGP in Data Science and Machine Learning – Intellipaate | Sep 2023 – June 2024 |
| Artificial Intelligence - ICT Academy | Oct 2023 - Nov 2023 |

EDUCATION

Kakatiya Institute of Technology and Science for Women, Nizamabad Oct 2021 - Jun 2024

- B.Tech in Electrical and Electronics Engineering | 7.2

Government Polytechnic Nizamabad

June 2018 - May 2021

- Diploma in Electrical and Electronics Engineering | 9.64