ABHISHEK MURALI

ASPIRING ML ENGINEER

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SUMMARY

With a robust foundation in computer applications and hands-on experience in machine learning, MySQL, and data visualisation using Tableau, I bring a proactive approach to leveraging technology in impactful ways. My academic projects, such as real estate price prediction and student performance analysis, showcase my ability to apply technical skills to real-world challenges. I am dedicated to innovation and committed to driving efficiencies and solutions in the tech industry.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL,R
- **Data Manipulation & Analysis**: Pandas
- **Machine Learning: Scikit-Learn:** algorithms such as regression, classification, and clustering
- **Data Visualization**: Matplotlib, Seaborn, Tableau

EDUCATION

Master of Computer Applications   **08/2023 - 05/2025**
- Dwaraka Doss Goverdhan Doss Vaishnav College

Bachelor of Computer Applications   **08/2020 - 05/2023**
- Dwaraka Doss Goverdhan Doss Vaishnav College

KEY ACHIEVEMENTS

Analysis of Real Estate Price Prediction Using Regression Models
- Published in Fuzzy Systems and Soft Computing, Volume 19, Issue 02 (IJGC Journal).
- Focused on the most effective regression model for predicting real estate prices, providing valuable insights for stakeholders.

Housing Prices Competition for Kaggle Learn Users
- Built a machine learning model to predict housing prices for Kaggle's competition, leveraging regression methods.
- This improved real estate decision-making with more accurate predictions.

PROJECTS

- **Analysis of Real Estate Price Prediction Using Regression Models**

Created a precise price prediction model using Python regression to aid informed real estate decisions.

- **Student Performance Analysis**

Developed a Python machine learning model using decision trees and gradient boosting to predict student performance, yielding insights for educational enhancement and visualized through interactive dashboards.

- **Educational Enrolment Analysis**

Analysed enrolment data across educational levels in Indian states, using Tableau to create visualisations segmented by year and gender, aiding policymakers in understanding trends and making informed decisions.

- **RBI Dataset Analysis**

Analysed ATM infrastructure data and visualised distribution using Tableau to aid strategic planning and resource allocation with comprehensive insights.

CERTIFICATIONS

- **Machine Learning:** Internshala, Kaggle,IIRS
- **Python Programming:** NPTEL, Spoken Tutorial
- **Tableau:** Bilight Solutions