

Madhavi K

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SUMMARY

I'm a data analyst who's great at working with data to solve problems. I have experience with machine learning, predictive modelling, and creating web applications. I can handle a project from start to finish, from cleaning up data to building models and putting them into action. I'm also skilled at creating clear charts and visuals from data and using my skills to help with business decisions. I am a strong team player and can clearly explain my findings.

EDUCATION

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| • PES University, Bengaluru
Master's of Computer Applications (MCA) | November 2024 - Pursuing |
| • Christ Academy of Institute for Advance Studies
Bachelor's of Computer Applications (BCA) | September 2023 |
| • Pupil Tree College
Commerce (CEBA) | July 2020 |
| • St. Dominic's School
Class 10th under ICSE Board | May 2019 |

LINKS

Github - <https://github.com/madhavikallamadi>

Linkedin - <https://www.linkedin.com/in/madhavi-k-0b3664254/>

SKILLS

- **Programming Languages:** Python, JavaScript, HTML, CSS, PHP
- **Data Science & ML Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Flask
- **Machine Learning & AI:** Predictive Modeling, Classification & Regression, Feature Engineering, Hyperparameter Tuning
- **Databases:** MySQL
- **Concepts:** End-to-end ML Pipeline, Model Deployment, Data-driven Decision Making, Business Intelligence, Financial Risk Analysis

PROJECTS

Laptop Price Prediction

- Built an end-to-end data preprocessing and modeling pipeline using Pandas, NumPy, and Scikit-learn.
- Implemented and compared machine learning models such as Linear Regression and Gradient Boosting to analyze outcomes.
- Applied data visualization (Matplotlib, Seaborn) and evaluation metrics to assess model performance effectively.

Stock Investment Analysis & Prediction

- Built a platform analyzing 5 IT companies (TCS, Infosys, Wipro, HCL, L&T) using 5 years of Yahoo Finance data.
- Created dual models: Logistic Regression for investment safety and Linear Regression for next-day forecasts.
- Designed Flask dashboard with real-time visualizations and automated predictions.

Jobseekers Analytics – Applicant Shortlisting Model

- Conducted a structured project following the CRISP-ML(Q) methodology, covering business understanding, data preparation, and modeling.
- Applied machine learning algorithms including Logistic Regression, Decision Trees, Random Forest, and XGBoost for predictive analysis.

- Delivered insights through feature engineering, performance evaluation, and visualization techniques to support decision-making in Jobseekers analytics.

Movie Booking Website for a Theatre

- Built a web-based platform for online movie ticket booking with features like seat selection, booking confirmation, and payment integration.
- Designed database schema to handle showtimes and seat availability.
- Technologies: [HTML, CSS, JavaScript, PHP, MySQL].

Certifications

- **Data Analyst Program – Odin School**
Completed structured training program covering data analysis, statistical methods, and visualization tools — Sep 2025.
- **Google Cloud Agentic AI Day – Certificate of Participation**
Participated in Google Cloud's Agentic AI Day, contributing innovative ideas on harnessing Agentic AI to address real-world challenges.
- **Build With India – Hackathon Participation**
Recognized among the top 5,000 teams out of 25,000 in the national-level Build With India Hackathon (Finale at Google Office), showcasing problem-solving and innovation skills.

EXPERIENCE

- **Data Analyst Internship Program – Grey Campus Edutech Pvt. Ltd. (via OdinSchool)**
Successfully completed internship focused on data analytics, tools, and real-world applications. — Sep 2025

ADDITIONAL INFORMATION

Strengths: Detail-oriented, Multitasking, Analytical Skills, Leadership Skills, Effective Communication

Languages: English, Telugu, Kannada

Interests & Hobbies: Story Writing, Reading Books, Watching Movies & Series