# IMANDI KESAVA BHAVANI RAJU

*Machine Learning Engineer*

Email : imandi.kesava2004@gmail.com Phone : +91 6281943774
Github : https://github.com/kesavaimandi Linkedin : https://www.linkedin.com/in/imandi-kesava

## PROFESSIONAL SUMMARY

Machine Learning Enthusiast with hands-on experience in Python, SQL, and popular ML libraries such as TensorFlow, Keras, and Scikit-learn. Skilled in building and deploying models for classification, regression, clustering, and time series forecasting. Proficient in algorithms like Linear Regression, Logistic Regression, Decision Trees, Random Forest, K-Means, KNN, Naive Bayes, PCA, and LDA. Strong background in data preprocessing, feature engineering, model training, evaluation, and optimization. Proven ability to deliver data-driven solutions through practical projects. Eager to apply my skills and keep learning the latest technologies to contribute to innovative AI and ML projects.

## KEY SKILLS

- **Programming Languages** : Python, SQL(Basics), HTML, CSS, C++(Basics)
- **Libraries / Frameworks** : Pandas, Numpy, Matplotlib, Seaborn, TensorFlow, Keras, Scikit-Learn
- **Machine Learning Techniques** : Regression Models, Classification Models, Clustering Models, Dimensionality Reduction Models, Time Series Models
- **Concepts** : Artificial Neural Networks, Data Preprocessing, Model Training and Optimization
- **Tools / IDEs** : Jupyer Notebook, VS Code, Google Colab
- **Database** : MYSQL
- **Soft Skills** : Problem Solving, Team Collaboration, Continuous Learning, Communication, Time Management

## EDUCATION

- **Certification Program in AI & Data Science,** *Drishti CPS IIT Indore* Expected 2026
- **B.Tech in Computer Science and Engineering,** *Adarsh College of Engineering (Affiliated with JNTUK)* 2022-2025
  *CGPA : 7.2 / 10*
- **Diploma in Mechanical Engineering,** *Nuzvid Polytechnic* 2019-2022
  *CGPA : 8.63 / 10*
- **Secondary School Certificate (SSC),** *Sri Prakash Vidya Niketan* 2018-2019
  *CGPA : 8.7 / 10*

## PROJECTS

- **Retail Sales Prediction and Trend Analysis for Walmart Stores** [Project Link]
  Developed a predictive model using historical weekly sales data to identify key drivers and forecast future sales trends. Executed data cleaning, outlier detection, and time series analysis using Python, Pandas, NumPy, and Scikit-learn. Engineered features for model optimization and validated performance to improve inventory and demand planning. Enabled store-wise sales predictions for the next 12 weeks, empowering data-driven inventory decisions.

- **Sales Performance and Profitability Insights Using SQL** [Project Link]
  Designed and implemented an end-to-end SQL analytics pipeline for sales and profit analysis across regions. Utilized complex queries, stored procedures, and user-defined functions to analyze sales trends, COGS, and ROI. Extracted actionable insights to support inventory decisions and marketing strategies. Delivered state-wise and product-wise dashboards to improve strategic planning.

- **Global Commodity Price Trend Analysis Using Python** [Project Link]
  Analyzed global commodity trends (oil, coffee, tea, sugar) using Pandas, NumPy, Matplotlib, and SciPy. Performed statistical analysis, normality tests, and EDA to identify price fluctuations and outliers. Visualized trends through plots and conducted cross-market comparisons for deeper insights. Established a baseline for future ML-based trend forecasting and financial risk analysis.

## CERTIFICATIONS

- Microsoft SQL Certificate – IntelliPaat [Certificate Link] May 2025
- Python Certificate – IntelliPaat [Certificate Link] Mar 2025
- Python Preparatory Certification – IntelliPaat [Certificate Link] Jan 2025
- Cyber Security Certification – DevTown [Cert Link 1], [Cert Link 2], [Cert Link 3] Feb – May 2024
- Generative AI Workshop – JNTUV 26 – 27 Feb 2024
- Foundation Level Full Stack Developer – Bitlabs Aug 2023
- Python Development Internship – VisualArts Jan – Jun 2023