

IMANDI KESAVA BHAVANI RAJU

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CAREER OBJECTIVE

Aspiring Data Scientist with hands-on experience in machine learning, data analysis, and dashboarding. Skilled in Python, SQL, Power BI, and ML frameworks, with strong experience in building predictive models, recommendation systems, and business intelligence solutions. Seeking an entry-level Data Scientist or Machine Learning role to apply data-driven problem-solving skills in real-world applications.

KEY SKILLS

- **Programming Languages** : HTML, CSS, Python, SQL(MS SQL)
- **Libraries & Frameworks** : Numpy, Pandas, Matplotlib, Seaborn, Flask, Scikit-Learn, TensorFlow, PyTorch, LangChain
- **Machine Learning Techniques** : Regression, Classification, Clustering, Time Series, Model Evaluation & Hyperparameter Tuning
- **Deep Learning & NLP** : ANN, LSTM, Transformers, LLMs(GPT, Gemini), Prompt Engineering
- **RAG & Conversational AI** : RAG, Vector Databases(FAISS, Chroma)
- **Concepts** : Artificial Neural Networks, Data Preprocessing, Model Training and Optimization
- **Tools & IDEs** : Jupyter Notebook, VS Code, Google Colab, Git/GitHub, Power BI, MS Excel, Hugging Face
- **Soft Skills** : Problem solving, Analytical thinking, Team collaboration, Time management

PROJECTS

Enterprise Sales Dashboard Deployment

- Published and deployed analytical reports to Power BI Service, creating interactive dashboards that consolidated key sales KPIs and enabled real-time decision support for management
- Utilized advanced Power BI features such as Q&A analytics, dynamic filtering, focus mode analysis, and dashboard pinning to explore regional sales performance and target achievement

Spam Mail Detection Using Machine Learning

- Collected and cleaned a Kaggle email dataset, applied preprocessing (HTML removal, stopwords filtering, tokenization), converted text into numerical features, and trained models to classify spam with reliable accuracy
- Built a Flask-based web app with HTML/CSS for user interaction, integrated a database to store inputs, and created a pipeline for retraining with new data

Retail Sales Prediction and Trend Analysis for Walmart Stores

- Performed EDA, data cleaning, and statistical analysis on Walmart's weekly sales dataset to study the impact of holidays, fuel price, CPI, and unemployment on sales
- Built regression and time series models in Python to forecast 12 weeks of sales, identifying top/low-performing stores and providing insights for inventory optimization

Netflix Recommendation Engine

- Built a movie recommendation system from scratch by analyzing user-movie interactions, ratings, and genre preferences to model user behavior and predict personalized content recommendations
- Performed exploratory data analysis to identify popular genres, rating distributions, and user preferences, and developed a recommendation logic to suggest the most suitable movies per user across genres

Relational Data Analysis

- Built and analyzed a normalized relational database schema and executed complex SQL queries involving joins, nested subqueries, conditional statements, and aggregations to uncover workforce and compensation patterns
- Conducted exploratory data analysis on employee hiring trends, salary distributions, department performance, and role-based metrics, strengthening data querying and analytical reasoning skills

Global Commodity Price Analysis Using Python

- Applied statistical analysis and exploratory data techniques on multi-commodity time-series data, computing percentiles, skewness, normality tests, and conditional comparisons to extract meaningful market insights
- Designed data visualizations and trend analyses to study commodity price behavior, inter-market correlations, and volatility patterns, laying the foundation for future predictive modeling and forecasting

EDUCATION

Certification Program in Artificial Intelligence & Data Science, <i>Intellipaath</i>	2024-2026
B.Tech in Computer Science and Engineering, <i>Adarsh College of Engineering (Affiliated with JNTUK)</i> CGPA : 6.90 / 10	2022-2025
Diploma in Mechanical Engineering, <i>Nuzvid Polytechnic</i> PC : 81.51%	2019-2022
Secondary School Certificate(SSC), <i>Sri Prakash Vidya Niketan</i> CGPA : 8.7 / 10	2018-2019

Certifications

Artificial Intelligence Course	- IntelliPaath	Sep 2025
Deloitte Australia – Data Analytics	- Deloitte	Sep 2025
Python Certification on Machine Learning	- IntelliPaath	Sep 2025
Microsoft SQL Certificate	- IntelliPaath	May 2025
Python Certificate	- IntelliPaath	Mar 2025
Cyber Security Certification	- DevTown	May 2024
Generative AI Workshop	- JNTUV	Feb 2024
Foundation Level Full Stack Developer	- Bitlabs	Aug 2023