

# VINOD BAVAGE

## Data Scientist

☎ +91-6303608901 ✉ [bavagevinod604@gmail.com](mailto:bavagevinod604@gmail.com) [www.linkedin.com/in/vinodbavage](https://www.linkedin.com/in/vinodbavage)

### Summary

---

AI & ML Engineering Graduate with hands-on Data Scientist internship experience. Expertise spans the full Machine Learning lifecycle, including data preprocessing, feature engineering and model optimization and evaluation. Highly proficient in Python and SQL to drive data-driven solutions for complex business problems.

### Skills

---

**Programming & Querying:** Python, SQL

**Libraries:** Pandas, Numpy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn

**Concepts:** Machine Learning, Deep Learning, Feature Engineering, Model Evaluation, Data Visualization, Data Cleaning, Statistical Analysis

### Experience

---

#### Data Science Intern

April 2025 – December 2025

*Rubix - AI Solutions Company*

- Led a team of 4 in developing end-to-end predictive models on a 45K-record SQL-sourced ITSM dataset and achieved 96% accuracy and 0.89 AUC for high-priority incident prediction.
- Resolved data leakage and stability issues to deploy robust classification and time-series models, including Department Auto-Tagging (75%) and RFC Failure Prediction (98% F1).
- Facilitated cross-functional communication between data science and engineering teams, resolving 20+ integration conflicts and accelerating deployment timelines by 2 weeks.

### Projects

---

#### Rice Leaf Disease Detection

June 2025

- Engineered a Rice Leaf Disease Detection system to classify three diseases using a MobileNetV2 Transfer Learning CNN.
- Enhanced model performance by implementing Data Augmentation to overcome small dataset challenges.
- Attained a highly accurate diagnostic system, delivering a 97% classification accuracy.

#### PUBG – Game Winner Prediction

August 2025

- Led a predictive regression project on 4 Million PUBG records to forecast match win probability.
- Optimized large-scale data processing for efficient hyperparameter tuning via downcasting and sampling.
- Delivered a robust, production-ready Random Forest Regressor model with 93% classification accuracy.

#### House Price Prediction

November 2025

- Constructed multiple regression models to predict house prices using the 79-feature Ames Housing dataset.
- Analyzed key value factors and selected the most accurate model for deployment, demonstrating comparative ML algorithm proficiency.

### Certifications

---

- Data Scientist Certification – DataMites (2025)
- AI-Machine Learning Engineer Certification – Rooman Technologies Pvt. Ltd. (2025)
- Python Programming Certification – Qspiders Campus (2023)

### Education

---

#### B.E. in Artificial Intelligence and Machine Learning

Graduated: 2025

*Bheemanna Khandre Institute of Technology, Bhalki (2021–2025)*