

# VISHNU PRIYA K

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## OBJECTIVE

Detail-oriented analytics professional with proven experience in data visualization, machine learning, and business intelligence tools including Power BI and Excel. Adapt in programming with a strong grasp of Python and foundational knowledge in Java, complemented by involvement in sustainability-driven academic projects. Committed to leveraging data insights to optimize processes, enhance performance, and support informed decision-making in fast-paced environments.

## WORK EXPERIENCE

### **Green AI Intern – Edunet Foundation**

Apr 2025 – Apr 2025

- Collected and prepared historical wind data by cleaning, scaling, and engineering relevant features for model training.
- Future work includes integrating real-time weather data for live prediction to support smart grid and energy management.

### **Artificial Intelligence and Machine Learning Intern – Ybi Foundation**

Jun 2024 – Jul 2024

- The model can forecast mileage (mpg) for newly designed or upcoming car models based on engine and design features.
- Useful for real-world decision-making in car manufacturing, sales, and fuel efficiency comparison.

## EDUCATION

**B.Tech in AIML** | K Ramakrishnan College of Engineering, Trichy, Tamil Nadu

2022 - Present

**12th Std** | MPB Government Girls Hr. Sec , Chennai , Tamil Nadu

2022

**10th Std** | MPB Government Girls Hr. Sec , Chennai , Tamil Nadu

2020

## SKILLS & TOOLS

- **Analytical Tools:** Power BI , Excel
- **Programming Languages:** Python, Java (Basics)
- **AI/ML:** Data Preprocessing, Machine Learning, Generative AI
- **Cloud Platforms:** Azure
- **Other:** Data Visualization, Statistical Concepts, Communication, Team Collaboration, Applied Mathematics

## CERTIFICATIONS

- **AI Foundation Associate** – Oracle University
- **Azure Fundamentals** – Microsoft
- **Cloud Computing** – NPTEL
- **Generative AI** – Guvi Geek Network
- **Data Analytics and Visualization Job Simulation** – Accenture
- **Generative AI: Introduction and Applications** – Coursera

## PROJECTS

### **Wind Power Generation Forecasting**

- Predicts the amount of electricity that will be produced by wind turbines based on weather data and turbine conditions.
- Provides short-term and long-term generation estimates.

### **Medical diagnosis**

- Involves evaluating visible signs and reported symptoms.
- Relies on physician knowledge and decision support systems.

### **Mileage Prediction-Regression Analysis**

- Data trends and relationships are explored through scatter plots to aid better prediction.
- Predicts mileage using numerical input features.