Hareezzvijey R J

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Profile

Aspiring AI/ML Engineer | Data Science Enthusiast Pursuing a B.E in Computer Science Engineering with a specialization in Artificial Intelligence and Machine Learning. Passionate about data science, data analytics, and designing intelligent, scalable solutions. Skilled in uncovering actionable insights from complex datasets and building efficient database systems. Continuously learning to solve real-world problems through cutting-edge technologies.

Education

SRM Madurai College for engineering and Technology, Madurai
B.E Computer Science and Engineering (Artificial Intelligence and Machine Learning)
(2023 – 2027)

Mahatma Montessori School (CBSE), Madurai
      12th 2022 – 2023
      10th 2020 – 2021

Project   GitHub | https://github.com/hareezzvijey

Data-Analysis-Dashboard POWER BI | POSTGRE SQL

· Developed a comprehensive Power BI dashboard to analyze electric vehicle (EV) data, delivering interactive insights using structured queries and visual storytelling.

Zomato-Dataset-Analysis | PYTHON

· Extracted meaningful insights from restaurant data, visualized trends, and identified behavioral patterns in customer preferences and dining habits.

Exploratory-Data-Analysis | PYTHON

· Conducted in-depth exploratory data analysis on global roller coaster statistics to uncover trends, regional patterns, and unique ride characteristics.

SQL-Data-Analysis | POSTGRE SQL

· Analyzed retail sales data using advanced SQL queries to generate business insights, identify performance trends, and support data-driven decisions.

Fresh-Rot-Fruits Classifier | PYTHON | MACHINE LEARNING

· Developed a classification model using XGBoost to accurately distinguish between fresh and rotten fruits
· Achieved 92% precision and 90% recall on a labeled fruit image dataset using an XGBoost-based ensemble model.

Potato-Plant-Disease | PYTHON | MACHINE LEARNING | Artificial Neural Network

· Built an image classification model using Artificial Neural Networks (ANN) with Keras to detect potato plant diseases—accurately distinguishing between Early Blight, Late Blight, and healthy leaves.

Internship Experience

Data Science Intern | Networkz Systems | May 2024 – Sep 2024

Developed interactive dashboards using Power BI to visualize business insights from structured datasets. Built and trained neural network models to classify and analyze data using Python and Keras, applying real-world machine learning techniques. Deployed a machine learning model as a web application using Python Flask, enabling end users to interact with predictions through a dynamic website interface.

Research & Publications

Comparative Analysis of Hashing Techniques using Mathematical Techniques

National Conference on Recent Research Directions & Advancements in Mathematics 2024 organized by SRM Valliammai Engineering College, Chennai, Tamil Nadu. DECEMBER 2024

Achievements

· **Hacker Rank:** Achieved 3 silver star | Problem Solving in SQL Query (Profile Link)
· **Leetcode Profile: solved 50+** (Profile Link)
· **NPTEL:** Joy of Computing Using Python

Languages - Python | Data Science | HTML | CSS | Postgre SQL | Power BI | Machine Learning