Pruthvij V Prabhu

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CAREER OBJECTIVE

Very keen to dive into depths of market research and business analysis.

EDUCATION

B.Tech,   2022 - 2026
JSS Academy of Technical Education, Bangalore

Senior Secondary (XII), Karantaka State Board   2022
Science

RV PU College, Jayanagar

Percentage: 96.00%

Secondary (X), CBSE   2020
Rashtrothana Vidya Kendra, Bangalore

Percentage: 91.00%

TRAININGS / CERTIFICATIONS

Supervised Learning
Apr 2025

Scalar, Virtual

- Implemented Linear and Logistic Regression models from scratch using Python and Scikit-learn.
- analyzed real-world datasets to predict continuous and binary outcomes using regression techniques.
- evaluated model performance

Unsupervised Learning
Apr 2025 - Present

Scalar, Virtual

- Gained clear understanding of Supervised vs Unsupervised Learning, including key differences in data labeling, learning objectives, and use cases.
- Identified appropriate algorithms based on data characteristics, e.g., using Supervised Learning (like Regression, Classification) for labeled datasets, and Unsupervised Learning (like Clustering, Dimensionality Reduction) for unlabeled data.

Java
Apr 2025

Scalar, Virtual

- Proficient in Core Java concepts including OOP (Object-Oriented Programming), Exception Handling, Collections Framework, and Multithreading.
- Applied OOP principles and used Java Collections for efficient data handling

Python
Apr 2025

Scalar, Virtual

object oriented programming language which helped me explore machine learning

PORTFOLIO

[GitHub link ↗](#)

PROJECTS

House price prediction using linear regression
Apr 2025

- Used simple linear regression to predict house prices based on features like square footage, number of rooms, and location.
- Skills Learned: Data cleaning, visualization, understanding linear regression, and evaluation

iris dataset classification
Apr 2025

- Classified different species of flowers based on attributes like petal and sepal length and width.
- Skills Learned: Classification, decision tree algorithm, dataset exploration

E mail spam classification

Apr 2025

- Built a model to classify emails as spam or not spam using a Naive Bayes classifier.
- Skills Learned: Text preprocessing, natural language processing (NLP), and classification

Disease prediction and drug recommendation

Nov 2024 - Dec 2024

- Developed an intelligent system that predicts diseases based on user-input symptoms using classification models such as Logistic Regression, Decision Trees, and Random Forest.
- Recommended suitable drugs based on disease prediction using content-based filtering or rule-based matching.
- Preprocessed medical datasets (symptom-disease-drug mappings), handled missing values, and applied feature encoding techniques.
- Evaluated model performance using accuracy, F1-score, and confusion matrix; achieved [mention accuracy if known]% accuracy on test data.

SKILLS

- Effective Communication
- Python
- Power BI
- Interpersonal skills
- C Programming
- Problem Solving
- Tableau
- Team Management
- C++ Programming
- Machine Learning
- MS-Excel

EXTRA CURRICULAR ACTIVITIES

- ○ Head of anchoring team at JSSATE-B
  ○ Effective communicative skills in english and other languages like hindi and kannada
  ○ proved my leadership qualities in several events
  ○ Winner of MR.JSS 2023 personality based competition
  ○ Active part of cultural committee team
  ○ VERVE 2024 (JSSATE Fest) event organizer
  ○ Represented VTU cricket team from my college
  ○ pursuing hobbies like screenwriting and filmaking

ADDITIONAL DETAILS

- 1. Mentored a team in JSSATE Aikyam 24 hour hackathon!!!! 2. Volunteered for Samsung hackathon 2024 at SKSJIT college 3. Attended seminar on 'machine learning in everyday lives' at IISC 4. written scripts for short films(on going project)