Shreya Mishra

B-Tech in Computer Science and Engineering at **PES University**
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Leetcode — GeeksforGeeks — Hackerrank

Education

PES UNIVERSITY — Bengaluru, Karnataka
B-tech in Computer Science — 2021-2025 — *CGPA: 9.35 / 10.0*

DELHI PUBLIC SCHOOL — Ranchi, Jharkhand
Class XII — 2020 — *Percentage: 95.67% — CBSE*

ST. THOMAS SCHOOL — Ranchi, Jharkhand
Class X — 2018 — *Percentage: 92.33% — ICSE*

Projects

Parkinson Prediction Model | *Python (pandas, scikit-learn, SMOTE, matplotlib, numpy)*

https://github.com/ishreya09/Parkinson-Prediction-Model/

- Developed a binary classification model to predict the presence of Parkinson's disease
- Utilized various classification algorithms, including Logistic Regression, Decision Trees, Random Forest, XGBoost, and SVM
- Developed a high-performing Pruned Decision Tree model with 96.6% accuracy, 93.1% recall, and integrated oversampling(SMOTE) and PCA for data preprocessing.

Car Price Prediction | *Python (numpy, pandas, matplotlib, scikit-learn)*

https://github.com/ishreya09/Car-Price-Prediction

- Developed a regression model to predict car prices based on relevant features
- Evaluated and compared the performance of Linear Regression and Lasso Regression models
- Achieved a high accuracy with an R-squared error of 0.87 using the Lasso Regression model

Dog vs Cat Classification Model | *Python (TensorFlow, MobileNetV2, TensorFlow, Tensorflow-Hub,keras , tkinter)*

https://github.com/ishreya09/Dog-vs-Cat-Classification

- Developed a binary classification model to distinguish between images of dogs and cats using MobileNetV2 architecture
- Achieved an impressive accuracy of 98.75% on the classification task.
- Implemented a user-friendly GUI using tkinter and leveraged TensorFlow Hub

Technical Skills

Languages: Python, C++, SQL(MySQL)
Version Control: Git
Data Analysis and Visualisation: pandas, numpy, SMOTE, matplotlib, seaborn
Machine Learning: scikit-learn
Deep Learning: tensorflow, tensorflow-hub, keras

Awards

MRD scholarship for academic excellence in first three semesters, offering a waiver of 20% on tuition fees.
4-star silver badge on Hackerrank in Python Language and Problem Solving (Intermediate).

Extra-Curricular Activities

Member at HackerSpace Club (March 2022 - July 2022)
Participated in Hashcode 11.0 Hackathon at PES University (2023)
Participated in KodiKon hackathon at PES University (2023)
Manage an Instagram Page of Art and Calligraphy @mandalawithshreya