

Kunal Gupta

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Education

- Currently pursuing Bachelor of Technology at Invertis University (2023-2027), with a current CGPA of 8.5.
- Completed Higher Secondary (10th) in 2021 with a score of 84.6% from G.K. City Montessori School.
- Completed Senior Secondary (12th) in 2023 with a score of 73% from BBL Public School.

Skills

- Programming: Python (Advanced), C++, JavaScript, HTML/CSS, React.js, Next.js
- AI/ML Frameworks: TensorFlow, Scikit-learn, Keras, Pandas, NumPy
- IDEs: Git, GitHub, Jupyter Notebook, Visual Studio Code, Google Colab
- Tools & Visualization: Power BI, Matplotlib
- Databases: MySQL, MongoDB
- Other: REST API, FastAPI

Projects

Car Price Prediction

Technologies Used in Project

- Developed a car price prediction model using Python, Pandas, and Scikit-learn.
- Performed data cleaning, feature engineering, and EDA to identify key price factors.
- Trained and evaluated models like Linear Regression and Random Forest for better accuracy.

Loan Status Prediction

Technologies Used in Project

- Built a loan status prediction model using Python, Pandas, and Scikit-learn.
- Processed and analyzed applicant data to identify key factors affecting loan approval.
- Trained and tested models like Logistic Regression and Decision Tree for classification accuracy.

Parkinson's Disease prediction

Technologies Used in Project

- Developed a Parkinson's disease prediction model using Python, Pandas, and Scikit-learn.
- Preprocessed biomedical voice data and performed feature extraction for pattern identification.
- Trained and evaluated models like SVM and Random Forest for high diagnostic accuracy.

Wine Quality prediction

Technologies Used in Project

- Developed a wine quality prediction model using Python, Pandas, and Scikit-learn.
- Analyzed physicochemical properties of wine to identify factors influencing quality.
- Trained and optimized models like Logistic Regression and Random Forest for accurate classification.

Fake news detection

Technologies Used in Project

- Built a fake news detection model using Python, Pandas, and Scikit-learn.
- Collected and preprocessed text data using TF-IDF vectorization and NLP techniques.

Certifications

- Certificate of Participation in Internal Smart India Hackathon "Hackbhoomi" - Invertis University.
- Python 101 for Data Science - IBM