VIGYAT KUMAR

Linkedin: https://www.linkedin.com/in/vigyat-kumar-920b49251/   Email:vigyatkr807@gmail.com

github: https://github.com/vigyat1   Mobile:+91-7856026985

SKILLS

- **Languages**: Java, Python , C++
- **Frameworks**: Html , CSS
- **Tools/Platforms**: MySQL , Pandas , NumPy
- **MachineLearning**: KNN , SVM , Random Forest , NaïveBayes , Decision Trees , K-means , DBSCAN , PCA
- **Soft-Skills**: Problem-Solving , Team Player ,Communication , Adaptability , Leadership

TRAINING

Machine Learning And AI: Certification By Board Infinity   **June 2024**

- Studied core concepts of Machine Learning and Artificial Intelligence.
- Implemented various ML algorithms and models for real-world applications.
- Explored Deep Learning , Neural Networks and Data Preprocessing techniques.
- Developed projects using Python , TensorFlow and Scikit-Learn.
- Gained hands-on experience in Model Evaluation and Hyperparameter Tuning.

PROJECTS

- **Fraud Detection in Credit Card Transactions**   Aug 2024 –Oct2024
  - **Description:** A machine learning model designed to detect anomalies in credit card transactions, aiming to identify potential fraudulent activities.
  - **TechnologiesUsed:** Python, TensorFlow, scikit-learn, Flask, Pandas, Matplotlib.
  - **Impact/Achievements:** Successfully implemented an anomaly detection system that improves fraud detection accuracy, reduces false positives, and enhances financial security.

- **Breast Cancer Detection Using Decision Tree and Random Forest**   Sept 2024 – Nov 2024
  - **Description:** A machine learning model utilizing decision tree and random forest algorithms to classify and predict breast cancer diagnoses using the Wisconsin Breast Cancer Dataset.
  - **TechnologiesUsed:** Python, scikit-learn, Pandas, Matplotlib, Seaborn
  - **Impact/Achievements:** Developed a robust classification system that enhances the accuracy of early breast cancer detection and supports medical diagnostics.

CERTIFICATIONS

- Software Engineering | NPTEL   Oct 2024
- Machine Learning And AI|BoardInfinity   Jun 2024
- Programming In C++:By Coursera.   Mar 2024

ACHIEVEMENTS

- Gold medalist in science exhibition at cluster organisation   Nov 2020

EDUCATION

Lovely Professional University   Phagwara , Punjab
Bachelor of Technology-Computer Science and Engineering; CGPA:5.5   *August2022*

Ashok Inter School   Daudnagar , Bihar
Intermediate:Percentage:66%   *March 2021*

DAV Public School   Daudnagar, Bihar
Matriculation: Percentage:84%   *March2019*