Aditya Pandey
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Year	Degree/Exam	Institute	GPA/Marks(%)
2022-Present	Btech	Graphic Era Hill University	8.65
2022	(12th)C.B.S.E	Jawahar Navodaya Vidyalaya	79.00 %
2020	(10th)C.B.S.E	Jawahar Navodaya Vidyalaya	89.80 %

PROJECTS

- **Digit Recognition** (Mar, 2023 - June, 2023):

  - Developed a handwritten digit recognition system using Logistic Regression and SVM to automate digit classification, improving accuracy and efficiency in manual data entry tasks by leveraging pixel
  - Achieved 94% accuracy using SVM on the MNIST dataset through hyperparameter optimization and feature scaling.
  - Experimented with both Linear Regression (MSE: 5.2) for continuous predictions and classification models (SVM: 94%, Logistic Regression: 89%), analyzing their effectiveness.

- **Credit Card Fraud Detection** (April, 2024 - May, 2024):

  - Developed and fine-tuned a logistic regression based machine learning model in achieving 87% accuracy rate in prediction credit card fraud.
  - Minimized false positives by 16% through rigorous feature engineering and hyperparameter tuning processes.
  - Implemented under-sampling and ensemble techniques to address class imbalance , leading to 15% improved performance.
  - Successfully mitigated fraudulent transaction while optimizing model efficiency by 23% and accuracy by 6%

- **Intelligent Chatbot for Enhanced User Interaction** (June 2024 - July 2024)

  - Developed a chatbot to automate customer support, reducing query resolution time by **30%** and improving response consistency.
  - Implemented **TF-IDF** and **Bag-of-Words (BoW)** for intent recognition, achieving **85%** accuracy in user query classification.
  - Used **Rule-Based** and **Keyword Matching** techniques to handle common queries effectively.

SKILLS

  - **Languages**: Java (proficient), Python , SQL
  - **Tools and Frameworks**: Jetpack Compose, MySQL ,Firebase , Google Cloud
  - **Development Tools**: Android Studio,Firebase , Google Cloud
  - **Soft Skills**: Public Speaking , Excellent Communication , Active Listener

CERTIFICATES AND ACHIVEMENTS

  - **Foundation of Data Science** - NPTEL
    * Learned about statistical analysis, data preprocessing, and machine learning fundamentals.
  - **Google Cloud Computing Foundation** - NPTEL
    * Gained practical experience with cloud-based storage, networking, and compute services.
  - **Kotlin Programming** - Infosys Springboard
    * Learned core concepts of the Kotlin programming language with practical implementation.
    * Created a Ride-Sharing System for University Students using these concepts along with Android Development.
  - **Leetcode**: Achieved Rank 242 in LeetCode Weekly Contest-438 globally.