ABHISHEK KUMAR SINGH

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PROFILE SUMMARY

Data Scientist with experience in Python, SQL, machine learning, data analysis, and data visualization. Skilled in predictive modeling, statistical analysis, and generating actionable business insights.

EDUCATION

GREATER NOIDA INSTITUTE OF TECHNOLOGY (GNIOT), AKTU	**OCT 2022 - JULY 2026**
B. TECH IN COMPUTER SCIENCE & ENGINEERING (Data Science)	Greater Noida, India
NEW ERA PUBLIC SCHOOL (CBSE)	**2018- 2020**
SCIENCE, SENIOR SECONDARY EXAMINATION (CLASS XII)	
GALAXY RESIDENTIALPUBLIC SCHOOL (CBSE)	**2017 - 2018**
SECONDARY EXAMINATION (CLASS X)	

TECHNICAL SKILLS

- **Languages:** Python, SQL, C++, MongoDB, React, JS, Node.js

- **Databases:** MongoDB, SQL, MYSQL
- **Tools:** VS Code, MYSQL Workbench, MS Office, Postman , Anaconda
- **Data Visualization:** Matplotlib, Seaborn, Power Bi, Excel.
- **Other Skills:** Data Cleaning, Feature Engineering, EDA, Predictive Modeling, Machine Learning , Git
- **Soft Skills:** Leadership, Time Management, Adaptability, Problem Solving, Team work

PROJECTS

- *CREDIT CARD DEFAULT PREDICTION – TAIWAN*
  - Predicted customer defaults using machine learning models
  - Performed data cleaning, feature engineering, and EDA
    Predicted customer defaults using Logistic Regression (80% accuracy) and Random Forest (81% accuracy)

- *LAPTOP PRICE PREDICTION*
  - Built machine learning models to predict laptop prices based on specifications.
  - Performed data cleaning, feature engineering, and exploratory data analysis (EDA)
  - Achieved high model accuracy for price estimation and provided actionable insights.

  HOUSE PRICE PREDICTION
  - built machine learning models to predict house prices based on property features.
  - *performed data cleaning, feature engineering, and exploratory data analysis*
  - *achieved high model accuracy for price estimation and provided actionable insights*

EXPERIENCE & RESPONSIBILITIES

- Designed, developed, tested, and deployed software solutions for academic projects.
- Contributed to product planning, feature implementation, and debugging during the project lifecycle.
- Collaborated with team members for requirement analysis and reviews.
- Wrote clean, well-structured, and optimized code for tools and applications.
- Participated in publishing a research paper based on IDS.

CERTIFICATIONS

- Published Research Paper on **Intrusion Detection System.**
- Data Science (code With Harry)
- Udemy Data Science Bootcamp