Name: Abhishek Grover
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SUMMARY

- Proficient Data Analyst, leveraging a strong mathematical foundation and evolving data science expertise to contribute insights for informed decision-making.
- Github Link: https://github.com/Abhishek212588
- LinkedIn: www.linkedin.com/in/abhishek-grover-b495761a1

KEY SKILLS

- **Languages**: SQL, Python
- **Libraries**: NumPy, Pandas, Matplotlib, Seaborn, sklearn, Scikit-learn
- **Visualization**: Salesforce Tableau, Descriptive Analysis (Seaborn, Matplotlib)
- **Data Preprocessing**: Exploratory Data Analysis, Data Cleaning , Feature Engineering
- **Statistical Analysis**: Hypothesis Testing, Regression Analysis
- **Machine Learning**: Supervised and Unsupervised learning techniques
- **ETL**: Extract, Transform, Load, Data Warehousing.
- **Microsoft Tools**: MS Excel, MS Word, MS Outlook
- **Generative AI**: ChatGpt

PROFESSIONAL SUMMARY

Intern, LG Electronics India PVT.LTD. , Greater Noida   **Start Year –Aug 2022 End Year July 2023**

- Worked as an intern in LG Electronics was responsible for training and testing of appliances as well brainstormed ideas for ML models for appliances. Built a model for prediction weather an appliance will get an clearance certificate from the BIS/BEE.

ACADEMIC PROJECTS (3 top projects)

- **Project 1: Microsoft Incident Threat Prediction (Capestone Project)**

Description: Developed a predictive model to identify potential incident threats using machine learning techniques, helping to enhance security measures by forecasting possible threats based on historical data patterns .Achieved 91% accuracy with the Decision Tree model after train-test split validation.The model helps in predicting the likelihood of threats based on historical data and feature engineering.

Key skills: Classification Algorithms, Ensemble Techniques, Data Preprocessing, Feature Engineering, Train-Test Split, Model Evaluation and Validation, Python.

- **Project 2: Flight Price Prediction**

Description: Developed a flight price prediction model using various machine learning algorithms, including linear   regression, SGD regressor, decision tree, random forest, KNN, and ensemble techniques like voting and stacking. Achieved 90% accuracy with the voting model after train-test split validation. The model aids in forecasting flight prices based on historical data and feature engineering.

Key skills: Machine Learning Algorithms (Linear Regression, SGD Regressor, Decision Tree, Random Forest, KNN),Ensemble Techniques (Voting, Stacking),Data Preprocessing, Feature Engineering ,Train-Test Split , Model Evaluation and Validation, Python.

- **Project 3: Hotel Booking Cancellation Prediction**

Description: Developed a hotel booking cancellation prediction model using various classification algorithms, including linear classification, SGD classification, decision tree, KNN, and ensemble techniques like

random forest, voting and stacking. Achieved 86% accuracy with the random forest model after train-test split validation. The model helps in predicting the likelihood of hotel booking cancellations based on historical data and feature engineering.

Key skills: Classification Algorithms, Ensemble Techniques, Data Preprocessing, Feature Engineering, Train-Test Split, Model Evaluation and Validation, Python.

HACKATHONS/OTHER CERTIFICATIONS

- Ranked 126 in flight price prediction on machinehack
- Ranked 12 in Restaurant Turnover Prediction
- Python certification – Hackerrank
- Data Analytics & Visualization Job Simulation : Accenture
- SQL(Basic) certification - Hackerrank
- SQL(Intermediate) certification - Hackerrank
- SQL(Advance) certification - Hackerrank

EDUCATION

Course	Institution	Year	Remarks
PGP Diploma (Data Science)	Great Lakes Institute of Management	2024	Completed
M.E.(ECE)	Thapar Institute of Engineering & Technology	2021-2023	78.30%
B.Tech(ECE)	Manav Rachna International Institute of Research & Studies	2017-2021	63.30%
12th Std	CBSE BOARD	2015-2017	84.00%
10th Std	CBSE	2015	81.00%

OTHER ACHIEVEMENTS

Intern, Airport Authority Of India,Delhi   **Start – Jan 2021 End - Mar 2021**

- Assisted in the maintenance and operation of communication, navigation, and surveillance systems critical for air traffic control.
- Orchestrated systematic reviews of navigational aids, incorporating feedback from 20+ pilots; these insights informed a series of adjustments that increased user satisfaction scores by 50%, contributing to safer flight operations..

Intern, National Small Industry Corporation ,Okhla   **Start – July 2021 End Sep 2021**

- Gained hands-on experience in embedded systems, focusing on PCB (Printed Circuit Board) designing and development.
- Worked extensively with Arduino Uno, programming and integrating sensors and actuators for diverse applications.