**Shabaul Haque**  
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**Objective**  
B.Tech student specializing in Data Science and Machine Learning with hands-on experience in Python, Machine Learning, Exploratory Data Analysis (EDA), Flask, and Generative AI. Seeking a Data Analyst position to apply strong analytical and technical skills for meaningful data insights and business solutions.

**Education**  
**Bachelor of Technology (B.Tech)** – Artificial Intelligence and Data Science,  
College of Technology and Engineering(MPUAT), Udaipur (2022 - 2025)

* Relevant Coursework: Machine Learning, Data Science, Python Programming, Exploratory Data Analysis, AI, Statistics, Advanced Excel and SQL

**Diploma in Computer Science and Engineering**Jamia Millia Islamia, New Delhi (2019 – 2022)

**Technical Skills**

* **Programming Languages**: Python, C
* **Data Analysis & Tools**: Pandas, NumPy, Matplotlib, Seaborn, SQL
* **Machine Learning**: Scikit-learn, Keras
* **Web Development**: Flask
* **Generative AI**: Natural Language Processing (NLP), Transformers
* **Data Visualization**: Power BI
* **Version Control**: Git, GitHub

**Projects**

1. **Exploratory Data Analysis of E-commerce Data**
   * Analyzed large e-commerce datasets using Python (Pandas, Seaborn) to identify consumer patterns, trends, and business insights.
   * Visualized data insights using Matplotlib and Tableau.
2. **Machine Learning Model for Predictive Analytics** 
   * Built a predictive model using Scikit-learn for forecasting sales based on historical data.
   * **Achieved an accuracy of 85% on test data using Random Forest and Linear Regression models.**
3. **Advanced Excel: Expertise in functions, data analysis, pivot tables, charts, and automation[**[**Link**](https://github.com/shabaulhaquemuz/excel_project)**]**

* **Car Inventory System**: Managed inventory data, tracked vehicle details, and sales insights.
* **Career Decision Tool**: Developed a decision matrix to analyze career choices.
* **Employee Payroll Management**: Created automated payroll sheets with tax calculations and deductions.
* **Gradebook System**: Maintained student grades, calculated averages, and monitored progress.
* **Loan Payment Insights**: Analyzed loan payments and forecasted future payments.
* **Sales Data Analysis**: Generated reports for sales performance and profitability.
* **Real-World Applications**:
  + Cost analysis for pet ownership (cat vs. dog).
  + Travel cost comparison across multiple locations.
  + Decision model for purchasing items from different stores.
  + Least-cost analysis for printer selection over two years.
  + Car selection tool focused on minimizing ownership cost.

**Industrial Experience**

* **Website Compliance Testing**: Tested TCIL websites for GIGW (Guidelines for Indian Government Websites) standards.
* **Data Analysis Training**: Completed a course in data analysis covering Excel, Power BI, MySQL, and the basics of Python.

****Certifications****

* **Data Science with Generative AI (Physics Wallah)**

**Professional Development**

* Attended workshops on Machine Learning Algorithms, Data Science in Python, and AI Applications in Business.
* Active participant in data science and AI communities on GitHub and LinkedIn.

**Soft Skills**

* Analytical Thinking
* Problem Solving
* Attention to Detail
* Team Collaboration

**Languages**

* English
* Hindi