Bhawesh Bhaskar

Phagwara, Punjab 144411

📞 7321080882 ✉ bhaskarbhawesh09@gmail.com in linkedin.com/in/bhawesh-bhaskar/ ○ github.com/BHAWESHBHASKAR/

Training

Data Structure and Algorithms – Self Placed   **August 2023**

Geeks For Geeks

- About: Implemented Dijkstra's algorithm to efficiently find minimum-cost paths in weighted graphs. Shortest Path Finder.
- Optimized route planning by leveraging Dijkstra's algorithm for application for logistics.
- Utilized Priority queues to efficiently identify the closest unvisited node in Dijkstra's algorithm
- Tech Stack Used: C++.

Projects

Web Scraping and Readability Analysis of Article / *Python*   **June 2024**

- Domain: Data Science: Libraries used -BeautifulSoup, Requests, NLTK, Textstat, Pandas.
- Text Processing: Tokenized and cleaned text using NLTK, removed stopwords, and calculated various text metrics.
- Readability Metrics: Implemented multiple readability indices, including Flesch Reading Ease, Fog Index, and complex word percentage.
- Data Analysis: Analyzed and visualized data using Pandas and Matplotlib to provide insights into the readability and complexity of the articles.
- Reporting: Compiled results into structured Excel reports for easy interpretation and further analysis.

Predictive Analytics for Sales Forecasting / *Python*   **December 2023**

- Domain: Data Science: Libraries used - NumPy, Pandas, Matplotlib, Seaborn.
- Gathered historical sales data, Product information, market trends.
- Built Predictive models Using Linear Regression, Time Series forecasting, random forecast to forecast Future salesVolumes and identify Factors influencing sales performance.
- Evaluated model performance using R-squared, MAE and RMSE.
- Created Interactive visualizations to track sales trends and forecast accuracy over time.

Credit Card Fraud Detection System / *Python*   **December 2023**

- Domain: Data Science: Libraries used - NumPy, Pandas, Matplotlib, Seaborn.
- Analyzed financial transaction data to detect fraudulent activity or unusual patterns.
- Applied statistical techniques or machines learning algorithms flag potential anomalies.
- Evaluated the effectiveness of different detection methods in terms of accuracy and false positives.
- Investigated flagged transactions to determine whether they are legitimate or fraudulent.
- Recommend strategies to prevent financial losses and improve fraud detection systems.

- ## Certificates

Data Structure and Algorithms – Self Placed (C++)   **August 2023**

Geeks For Geeks

100 Days of Code: The Complete Python Pro Bootcamp   **January 2023**

Udemy

Tableau   **- 2024**

Data Visualization with Tableau - https://coursera.org/share/608cce8665d27e4f07ff111d399cea98

Fundamentals of Visualization with Tableau - https://coursera.org/share/5b48dc42764310c7e3380d2aac2d768e

Technical Skills

Languages Python, R.

Technologies/Frameworks: Tableau, Ms Excel, Git, GitHub.

Skills: Data Structures and Algorithms, Problem-Solving, Scripting in Python.

Education

Lovely Professional University Punjab   **2021 – 2025**

Computer Science and Engineering   *Jalandhar, Punjab*