Kartikey Singh
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Training

Complete Machine Learning & Data Science Program (GFG)　　　　　　　　　　　June 2024 - Aug 2024
Summer Training & Internship.

- Analyzed and interpreted large datasets using **Python, applying machine learning techniques to uncover trends, patterns, and business insights**.
- **Cleaned, processed**, and visualized data using **Pandas, NumPy, and Matplotlib** to improve decision-making and predictive model accuracy.
- Built **interactive dashboards** and reports with **Tableau and Excel, leveraging data-driven insights** to support **business strategies** and optimizations.

Projects

Data Cleaning & Visualisation Project　　　　　　　　　　　　　　　　　　　Feb 2025

- Executed data cleaning using **R, dplyr**, and **MySQL** to preprocess and structure datasets.
- Transformed raw data by removing inconsistencies and applying **ggplot2** for better clarity.
- Created **insightful visualizations** to enhance analytical outcomes and improve decision-making.
- **Tech**: RStudio, MySQL

Covid Situation Analysis Project　　　　　　　　　　　　　　　　　　　　Nov 2024

- Tracked Covid-19 data using **Tableau dashboards** to monitor infection rates and vaccination progress.
- Developed interactive visualizations with **filters, graphs, and maps** to highlight pandemic trends.
- Generated data-driven insights for public health strategies, improving decision-making efficiency.
- **Tech**: **Tableau, RStudio**

IPL Conduction Analysis Project　　　　　　　　　　　　　　　　　　　　Aug 2024

- Analyzed IPL match data using **Excel functions** to evaluate teams, players, and match outcomes.
- Developed structured datasets, applied **pivot tables**, **VLOOKUP**, and charts for performance tracking.
- Generated actionable insights using **data visualization techniques**, improving strategic decision-making.
- **Tech**: MS Excel

Certificates

Data Analysis with Tableau　　　　　　　　　　　　　　　　　　　　　　August 2024
Coursera — https://www.coursera.org/learn/data-analysis-with-tableau-public

R Programming　　　　　　　　　　　　　　　　　　　　　　　　　　　May 2024
Coursera — https://www.coursera.org/learn/r-programming

Excel Skills for Data Analytics and Visualization Specialization　　　　　　　　May 2024
Coursera — https://www.coursera.org/specializations/excel-data-analytics-visualization

Mastering Data Structures & Algorithms using C and C++　　　　　　　　　　Dec 2023
Udemy — https://www.udemy.com/course/datastructurescncpp

Technical Skills

Languages C++, Java, C, Python, R

Technologies/Frameworks: HTML, CSS, GitHub, Ubuntu, Tableau, Power BI, MS Excel

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Responsive UI/UX Design,

Education

Lovely Professional University Punjab　　　　　　　　　　　　　　　　　**2022 – Present**
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jalandhar, Punjab
Computer Science and Engineering — CGPA: 7.18

Bhuvnesh Bal Sr. Sec. School　　　　　　　　　　　　　　　　　　　　**2020 – 2022**
12th with Science — Percentage: 89.60%　　　　　　　　　　　　　　　　Kota, *Rajasthan*

Decent Public School　　　　　　　　　　　　　　　　　　　　　　　**2018 – 2020**
10th with Science — Percentage: 90.60%　　　　　　　　　　　　　　　*Kota, Rajasthan*