MOHD KASIF

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OBJECTIVE

A driven and meticulous graduate with a solid background in Python, statistics, and data analysis. eager to use analytical and problem-solving abilities to support data-driven decision-making in a fast-paced company and glean valuable insights.

EDUCATION

Bachelor of Engineering in Computer Science, Chandigarh University   2021-2025
CGPA: 7.44
Intermediate (CBSE), Noble Public School   2019-2020
Percentage: 71.8
Matriculation (CBSE), Noble Public School   2017-2018
Percentage: 78.8

SKILLS

Languages	C++, Python
Libraries	Pandas, Numpy, Matplotlib, Seaborn
Databases	MongoDB, MySQL
Tools	Power BI, Tableau, Excel
Miscellaneous	Software Testing, SQL, OOP, Git, SDLC Methodologies
Core Subjects	DBMS, Computer Networks, OS, Data Visualization
Soft Skills	Problem Solving, Fluent Interpersonal and Communication skills, Good analytical skills

PROJECTS

Adaptive Pollution Control System: Developed a real-time pollution control system by leveraging Unity and Cyber-Physical Systems (CPS) principles, integrated with IoT sensor networks for comprehensive environmental monitoring. I designed and trained machine learning models to predict pollution trends and suggest adaptive control measures, such as air purification and smart traffic management. Additionally, I built a dynamic and scalable framework featuring a real-time dashboard that supported live monitoring, predictive analytics, and informed environmental decision-making.

Amazon Sale Analytics Solution: Developed an interactive dashboard to analyze Amazon's sales data using Power BI, Microsoft Excel, and SQL. I began by cleaning, transforming, and organizing raw sales datasets in Excel to enable efficient data modeling. Using Power BI, I created dynamic visualizations—including line charts, tree maps, KPI cards, bar graphs, and gauge charts—to track key metrics such as total sales, profit, and order count, delivering real-time, actionable insights.

Netflix Movies and TV Shows Analysis: Using Microsoft Excel, Power BI, and SQL, I analyzed Netflix's content catalog to uncover trends in genres, production countries, and content types over time. I cleaned and filtered the dataset using Excel and SQL, then built an interactive Power BI dashboard with slicers, bar charts, and pie charts to visualize content distribution, release patterns, and popular genres. The analysis revealed shifts in Netflix's production strategy and highlighted key countries contributing to its library.

CERTIFICATIONS

- Programming for everybody (getting started with python) – Coursera
- Fundamentals of visualization with tableau – Coursera
- Data structures and performance - Coursera