Usman Ahamed

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SKILLS

Programming Languages:	Python (Pandas, NumPy, SciPy, MatPlotLib,Seaborn,Scikit-learn)
Databases:	MySQL Server, Mongo DB
BI & Visualization Tools:	Tableau, MS Excel (Pivot Table, VLOOKUP, Conditional Formatting)

PROJECTS

HR Performance Analysis   October 2024
- Analyzed workforce performance metrics of 7,984 active employees using **Tableau**, identifying key insights across departments, demographics, and education levels to enhance organizational decision-making.
- Summarized employee data with 3 dynamic visualizations, incorporating dimensions such as department, gender, and education, allowing HR teams to pinpoint factors influencing employee performance and retention.
- Explored trends and correlations between employee demographics and salary distributions, leveraging Tableau to provide actionable insights for talent management and salary optimization.

Bird Strikes Visualization (2000-2011)   May 2024
- Created a dynamic dashboard using **Tableau**, comprising 8 visualizations to analyze bird strike trends from 2000–2011, uncovering critical insights such as the impact of wildlife size, flight phases, and geographic damage distribution.
- Analyzed 25000 rows FAA bird strike data to identify trends during critical flight phases. Created visualizations using **Python** to pinpoint peak seasons and improve aircraft safety measures.
- Developed 5 **KPIs** to evaluate aviation safety and operational risks, including damage frequency, cost implications, altitude-related damage, and origin state trends for actionable insights.

Heart Disease Diagnostic Analysis   July 2024
- Analyzed heart disease patient data using **Python** and **Tableau** to uncover key patterns, such as the correlation between cholesterol, max heart rate, and heart disease likelihood.
- Automated a reporting system by preprocessing and visualizing over 10,00 rows of data, resulting in streamlined analysis and improved diagnostic insights for healthcare providers.
- Created an interactive **Tableau dashboard** showcasing 8 visualizations to highlight critical metrics, such as chest pain categories, age distribution, fasting blood sugar levels, and ECG insights.

WORK EXPERIENCE

Unified Mentor Private Limited | Data Analyst Intern   25-05-2024 to 25-11-2024

- Developed 7 data analysis projects covering **sales, healthcare, sports, financial, and census data**.
- Created dashboards and visualizations to communicate insights effectively.
- Cleaned and analyzed large datasets using Python, Tableau, and Excel.
- Presented findings to team members, improving decision-making processes.

EDUCATION

London Metropolitan University, London   *January 2024 - March2026*
Master of Science | Data Science

Google Data Analytics Professional Certificate   *February 2024 - April 2024 | Online*
- Completed comprehensive job-ready training in data cleaning, visualization, and project management.
- Gained hands-on experience in interpreting and communicating data insights effectively.
- Developed confidence in transforming complex data into clear, actionable insights
- Proficient in programming languages and strong understanding of databases.

INTERESTS

TED Talks, Udemy, Hiking, Learning Languages (currently learning Germen)