SWATI KUSHWAHA

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Summary

Data science graduate with experience in EDA, visualization, and modeling. Skilled in Python, Power BI, and Tableau, with projects in data analysis, LLMs, and dashboard creation. Certified in AI, Excel and Business Analytics.

Experience

Business Analyst Intern
MedTourEasy   07/2023 - 08/2023

- Performed EDA to find new data insights and trends to enhance user interaction.
- Analyzed user feedback to improve the user experience by highlighting negative feedback for different services and visualized it in a graphical representation with respect to age range and geographical location of the client.
- In-hand experience with Tableau earned by building dashboards for team meetings under project supervisor.

Projects

Unemployment Analysis in India during COVID-19 & Visualization
https://github.com/SwatiKushwaha24/Unemployment-Analysis-with-Python

- Explored dataset structure through EDA and examined unemployment trends over time during COVID-19.
- Compared rates across Indian regions and investigated the impact of the COVID-19 pandemic on employment rates.

Dashboard for Call-Center Data
https://github.com/SwatiKushwaha24/Excel-Dashboard-for-Call-Center-Data

- Developed an interactive dashboard using a call center demo dataset, enhancing decision-making capabilities.
- Packed dashboard with insights for operational optimization.

Netflix Dashboard
https://public.tableau.com/app/profile/swati.kushwaha7802/viz/Netflix_17054142267120/Netflix

- Created a dynamic dashboard integrating 10 worksheets to provide a comprehensive visual experience of Netflix.
- Designed dashboard to enhance understanding of streaming data insights.

Hate-Speech Detection & Classification Model

Research work focusing on hate-speech detection and classification using deep learning

- Constructed a dataset containing 1,152 hate-speech tweets labeled by gender or race.
- Utilized sentiment analysis and NLP to enhance text comprehension.
- Designed a multilingual hate-speech detection model using CNN and transformer techniques.

Certificates

HP : Sales Forecasting — Data Analytics, Market Research, Sales Modeling, Microsoft Excel

IBM : Artificial Intelligence Analyst — Machine learning, IBM Watson, NLP, Chatbots, Computer vision

SkillUp : Business Analytics with Excel — Data cleaning, Pivot tables, Dashboards, MACROS

Technical Skills

Programming: Python · SQL · C/C++ · R · HTML

Platforms and Tools:

Microsoft Power BI · Tableau · Pandas · Microsoft Excel · Selenium · Beautifulsoup · Flask · Scikit Learn · TensorFlow · Keras · PyTorch · OpenCV · NumPy

Education

SRM University, Sonepat, Haryana
Bachelor of Technology, CSE with specialization in Data Science & Artificial Intelligence   08/2020 - 05/2024

Extra-curricular Activities

Volunteer work
Pawzz Foundation

- Organized and managed donations for food and medical supplies necessary to help strays and sheltered animals in the foundation and around the area.
- Managed Excel sheets tracking donations from 70 fellow volunteers, leading to a 10% increase in contributions through active teamwork and community outreach.