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Jatin Yadav
Data Analyst

GitHub
LinkedIn

SKILLS

Programming Languages:	Python (NumPy, Pandas)
Data Visualization:	Tableau, Matplotlib, Seaborn, Advanced Excel
Databases:	MySQL, PostgreSQL
Version Control:	Git, GitHub

EXPERIENCE

Data Analyst Trainee   April 2024 — October 2024
Training Basket   *Noida*

- Acquired expertise in **Exploratory Data Analysis (EDA)**, data cleaning, and preprocessing using **Python libraries** such as **NumPy**, **Pandas**, and **Matplotlib**.
- Implemented **ETL processes** for data extraction, transformation, and loading, enhancing data quality and supporting analytical workflows.
- Created interactive **Tableau dashboards** and reports, visualizing key business insights and driving data-informed decisions to improve operational strategies.
- Executed **SQL queries** for data manipulation and analysis, enabling effective data-driven solutions.
- Applied **linear regression**, **logistic regression**, **decision trees**, and **random forests** to solve various data-driven problems.

PROJECTS

Human Resources Dashboard

- Developed a comprehensive and user-friendly **HR Dashboard** to visualize workforce metrics, including demographics, performance, compensation, recruitment, and attrition.Optimized ETL pipelines, improving data accuracy by 15 percent.
- Integrated features like **customizable filters**, **real-time updates**, and easy-to-understand visualizations to enhance usability.
- Enabled HR teams to track top performers, analyze salary trends, and optimize workforce planning.

YouTube Sentiment Analysis

- Conducted **sentiment analysis** and **NLP techniques** to categorize comments and uncover viewer sentiments and emotions.
- Analyzed **engagement metrics** (likes, views, comments) and performed **word cloud**, **emoji**, and **punctuation analysis**.
- Demonstrated proficiency in **Python**, **TextBlob**, **NLTK**, **Matplotlib**, and **Seaborn** for data analysis and visualization.

Netflix SQL

- Conducted in-depth analysis of Netflix's movie and TV show dataset using **SQL** for data extraction, cleaning, and analysis.
- Analyzed content distribution, ratings, release trends, and genre popularity through **SQL queries** to extract actionable insights.
- Developed an interactive **Tableau dashboard** to visualize key findings from SQL-driven analysis, facilitating data-driven decision-making.
- Provided valuable insights into Netflix's content strategy, supporting decisions on content acquisition, production, and recommendation systems through SQL-based analysis.

Sales and Customer Performance Dashboard

- Built a **Tableau dashboard** to visualize key **sales metrics** and **customer performance**, driving actionable insights.
- Performed **sales analysis** to track total sales, profit, and quantity trends, identifying seasonal variations and opportunities. This dashboard reduced reporting time by 30 percent.
- Conducted **customer segmentation** to analyze purchase patterns and support targeted marketing strategies.
- Evaluated **product performance** across categories to optimize inventory and improve profitability.

CERTIFICATION

Google Data Analytics
PostgreSQL
Tableau

EDUCATION

Amity University   July 2023 — **Present**
Master of Computer Applications (MCA)   *Greater Noida, UP*

Parishkar College of Global Excellence   May 2020 — June 2023
Bachelor of English literature (BA)   *Jaipur, Rajasthan*

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