ANSH CHAURASIYA

Lahar Colony, Jhansi, Uttar Pradesh, 284003

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Skills

Data Analysis: Proficient in Python (NumPy, Pandas), SQL, and Excel for data manipulation.

Data Visualization: Experienced in creating dashboards and reports using Power BI and Matplotlib.

Machine Learning: Familiar with ML concepts, including supervised and unsupervised learning.

Natural Language Processing: Basic understanding of text processing techniques and NLP models.

Programming Languages: Python, HTML, CSS (Beginner to Intermediate level).

Database Management: Skilled in writing SQL queries and managing relational databases.

Projects

MCQs Generator Using NLP and Flask

- Built an NLP-based system to generate multiple-choice questions from text.
- Integrated Large Language Models (LLMs) for improving question relevance.
- Developed a web interface using Flask for user interaction.
- Achieved 95% accuracy in generated questions after optimization.

Personal Finance Planner

- Designed a Python-based financial planning tool with OOP principles.
- Key Features:
  * **FD Calculator:** Computes maturity returns and suggests optimal FD options.
  * **Retirement Planner:** Estimates future expenses considering 6% inflation.
  * **Income Tax Calculator:** Calculates tax based on the New Tax Regime (FY 2025-26) with visualizations.
  * **Financial Strategies:** Implements financial rules like 20/4/10 car budget rule, 1% real estate investment rule, and EMI limits.

Project Link - Personal Finance Planner

Sales Analysis Using Excel and Power BI

- Analyzed Blinkit's sales data using Excel and Power BI.
- Developed dashboards to visualize profit, sales trends, and key insights.
- Automated reporting tasks to improve decision-making.

Education

Bachelor of Technology in Computer Science Engineering LNCTE, Bhopal   Nov 2022 – Present

- Current CGPA: 6.45/10

Class 12th (PCM) Jai Academy, Jhansi   2022

- Percentage: 69%

Certifications

NPTEL Silver Elite: Python for Data Science

Scaler: Python for Beginners (Mastering the Essentials)