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SUMMARY

A highly motivated and detail-oriented Data Science student at IIT Madras with a strong foundation in data analysis, visualization, and programming. Proficient in using Python, SQL, and Power BI to clean, analyze, and interpret complex datasets to generate actionable insights. Eager to apply analytical and problem-solving skills to tackle real-world challenges in a data-driven organization

EDUCATION:

Indian Institute of Technology (IIT), Madras *Bachelor of Science (B.Sc.) in Data Science & Applications* Expected Graduation: 2028

SKILLS

- **Programming/Databases:** Python, SQL
 - **Python Libraries:** Pandas, NumPy, Matplotlib, Seaborn
 - **BI & Visualization:** Power BI, Microsoft Excel (Advanced: Pivot Tables, Slicers, Dashboards)
 - **Core Competencies:** Data Cleaning & Preprocessing, Exploratory Data Analysis (EDA), Data Visualization, Statistical Analysis, Problem-Solving, Communication
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PROJECTS

Interactive Business Report | Microsoft Excel

- Built a fully automated financial report in Excel using Pivot Tables, Slicers, and dynamic charts.
- The dashboard provided a real-time summary of monthly expenditures and revenue, enabling quick and informed decision-making for a mock business case.
- Used advanced formulas to calculate Key Performance Indicators (KPIs) automatically.

Data Integrity and Cleaning Automation | Python

- Developed a Python script using Pandas to process and clean a large, messy dataset with over 40000 rows.
- Implemented functions to handle missing values, correct data type inconsistencies, and remove duplicate entries, improving data quality by 95%.
- Performed feature transformations to prepare the dataset for exploratory data analysis and subsequent modeling
- And more