AVNI TAPADIYA

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EDUCATION

MPSTME, NMIMS(Mumbai)   **Mumbai,India**
Bachelors of Technology in Computer Science (Data Science) |GPA- 3.5   July 2023 - Expected July 2027

Carmel Convent Sr. Sec School   **Neemuch,India**
Achieved 96% in Class 10 (Secondary Education)   May 2023
Secured 80% in Class 12 (Higher Secondary Education)
JEE Mains (92 percentile)

SKILLS SUMMARY

- **Languages:**   Python, C++, C, SQL, HTML5, JavaScript
- **Framework:**   Pandas, Numpy, Matplotlib
- **Tools:**   PowerBI, Excel, Tableau, MySQL, PowerPoint, SAS
- **Platforms:**   PyCharm, Jupyter Notebook, Visual Studio Code, Streamlit, Figma
- **Soft Skills:** Accounting and Financial management, People Management ,Communication Skills

WORK EXPERIENCE

- Managed event logistics as a member of 4C [NMIMS].
- Organized activities and supervised tasks during community service with children. **(Jun 2024 – Jul 2024)**
  - Volunteer Teacher, Vision Kids School .
  - Led a 3-week educational workshop for students (up to 5th grade), enhancing communication, leadership, and teaching skills.
- Executive member of an Art Club, Mpstme.

PROJECTS

Medical Image Detection App | App link
- Built an AI-powered Streamlit web app for medical image analysis using CNN and Gemini Pro 1.5 API.
- Enabled real-time image upload, analysis, and structured diagnostic reports.
- Output includes detailed findings, highlighted anomalies, and treatment suggestions.
- Planned future enhancements: feedback loop, mobile version, and expanded detection.

Gold Price Prediction (2025) using Holt-Winters Method
- Forecasted gold prices for 2025 using the Holt-Winters method on historical data (2014-2024).
- Processed and cleaned datasets in Python, storing structured data in Excel for analysis.
- Developed a Power BI dashboard to visualize historical trends and future predictions.
- Output: Predicted an initial price rise in 2025, followed by a potential decline.

HR Analytics
- Implemented a Power BI dashboard to analyze employee attrition, salary trends, and workforce demographics.
- Visualized attrition patterns by age, job role, salary, and years at the company for strategic HR insights.
- Output: Highest attrition in Life Sciences & Medical fields, ages 26-35, and salaries up to $5K; declines after 10 years.
- Future scope: Integrate predictive analytics, expand dataset, and develop a real-time web dashboard.

Notes and Password Manager
- Constructed a C++ Notes and Password Manager with user authentication for secure data storage.
- Enabled notes management (add, edit, delete) and password storage with retrieval functionality.
- Organized project with structured file handling for secure data management.
- Output: Generates and stores notes, passwords, and user data in an "output" folder upon execution.

CERTIFICATES

Google Analytics Certification | Certificate   **February 2025**
- Proficient in setting up and managing Google Analytics 4 to track and analyze website performance.
- Skilled in data collection, key reporting tools, and deriving valuable business insights for data-driven decision-making.

Introduction to Figma (Simplilearn) | Certificate   **February 2025**
- Gained expertise in Figma for UI/UX design, including wireframing and prototyping.
- Developed hands-on skills in creating interactive design components and collaborating on design projects efficiently.