MANAV SHARMA
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SUMMARY

Aspiring Data Analyst skilled in **Python**, **SQL**, **Power BI** with hands-on projects in EV demand, sales dashboards, and gesture-based AI. Strong in data cleaning, analysis, and visualization—turning raw data into clear, actionable insights.

Always eager to explore real-world datasets and build smart, interactive dashboards. Certified in tools like Excel, Python, and Power BI with experience from virtual internships and bootcamps.

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Tools/Visualization:** MS Excel, Word, Power BI, Tableau
- **Databases:** MySQL, PostgreSQL
- **Platforms:** Jupyter Notebook, VS Code, Google Colab

PROJECTS

Gesture-Based Volume Control [Repo]
- **Objective:** Develop a hands-free system to control volume using computer vision
- **Outcome:** Enhanced accessibility and user experience through touchless audio control
- **Tools Used:** Python, OpenCV, MediaPipe, PyCaw
- **Key Activities:**
    - Designed real-time volume control via webcam-based hand tracking
    - Implemented finger distance mapping to control system audio levels
- **Impact:** Showcased the integration of AI and human-computer interaction

Customer Sales Dashboard [Repo]
- **Objective:** Visualize multi-year sales data to uncover patterns and business insights
- **Outcome:** Delivered dashboards that improved product performance understanding
- **Tools Used:** Power BI
- **Key Activities:**
    - Cleaned and structured data across categories, regions, and segments
    - Built dynamic dashboards with slicers for actionable filtering
- **Impact:** Enabled quick decision-making for sales strategy and regional focus

EV Charging Station Demand Analysis [Repo]
- **Objective:** Identify regions with EV growth and infrastructure gaps
- **Outcome:** Recommended states needing urgent EV charging expansion
- **Tools Used:** Python, SQL, Tableau, Excel
- **Key Activities:**
    - Merged EV registration and population data with geographic stats
    - Created dashboards highlighting EVs per 1000 people and charging density
- **Impact:** Supported policy-level insights for infrastructure investment

EDUCATION

Bachelor of Computer Applications (BCA) – Jagannath University— *65%*   *2025*
Class 12th (CBSE) – JMSSS, Adarsh Nagar — *77.2%*   *2022*
Class 10th (CBSE) – JMSSS, Adarsh Nagar — *58.4%*   *2020*

CERTIFICATIONS

- **Deloitte Data Analytics Virtual Internship** – Forage | 12 June 2025 **Link**
- **SQL for Data Analysis** – 30 Days Bootcamp | 27 May 2025 **Link**
- **Power BI for Data Analytics** – 30 Days Bootcamp | 27 May 2025 **Link**
- **Python for Data Science** – NPTEL (IIT Madras) | Jul–Aug 2024 **Link**
- **Excel for Data Analysis** – SkillUp by Simplilearn | 22 June 2025 **Link**