Pawan Kumar Verma

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EDUCATION

•**National Institute of Technology, Agartala** — *CGPA: 7.63 (Till 6th Sem)*
Bachelor of Technology in Chemical Engineering — Nov 2022- April 2026

•**S.S.B Inter College, Maharajganj** — *Aggregate: 78.8(percentage)*
Class XII (PCM) — April 2020 – Feb 2021

•**Jawahar Navodaya Vidyalaya, Maharajganj** — *Aggregate: 87.8(percentage)*
Class X — April 2018 – Feb 2019

PROJECTS

•**Sales Performance Dashboard** [GitHub]
- Developed an interactive **Power BI** dashboard analyzing over **12,000** transactions to uncover consumer behavior, category trends, and regional demand across 10+ states.
- Leveraged **DAX** to calculate average delivery days (4.6 days), applied **90%** confidence interval for **forecasting**, and **implemented 5+ slicers** for dynamic user exploration.
- Recommended data-driven strategies that could boost revenue by **18%**, including focusing on the Consumer segment (**49%**), cutting **COD** costs through card incentives, and pre-stocking top-selling **SKUs** based on 15-day rolling forecasts.

•**Real Estate Price intelligence report and model** [GitHub]
- **Analyzed 1.2 million+** real estate records from **Connecticut (2001–2021) in Power BI**, building a 2-page report with **KPIs**, regional segmentation, and property type distribution across **8 key counties.**
- Trained a Random Forest model (**RMSE: 0.68**) using **Scikit-learn** to predict **2030 3BHK prices**, identifying location, lot size, and build year as primary price drivers.
- Cleaned and processed data using Python (**NumPy, Pandas**), added 6+ derived features in **Excel, and forecasted 2-year** sales trends, enabling insights into seasonal pricing fluctuations (**12–15%**)

TECHNICAL SKILLS

•**Programming Languages and Libraries**:SQL, Python (Pandas, NumPy, Matplotlib, Seaborn)
•**Tools and Softwares**:Excel, Power BI, MySQL, Jupyter Notebook, VS Code, PowerPoint, GitHub
•**Soft Skills**:Communication,stakeholder managaement,problem solving,leadership

ACHIEVEMENTS

- **Inter-NIT Badminton Player**:Represented NIT Agartala in **Inter-NIT badminton tournaments.** Competed against other NITs and gained experience at a national collegiate level.

- **SSB Interview(Allahabad)**:Successfully qualified for the **SSB screening round**, demonstrating psychological aptitude assessed through competitive defense selection procedures

- **National Badminton Champion (2016–17, U14 Doubles)**:Secured **1st place** in the **Under-14** Doubles category at the National Badminton Championship. Demonstrated strong teamwork, discipline, and competitive spirit at a national-level sporting event.

- **Regional Volleyball Champion (2018-19,)**:Won the **Under-16 the regional-level volleyball championship.** Showcased strong coordination, strategy, and consistent performance against top regional competitors.

POSITIONS OF RESPONSIBILITY

•**Captain, Badminton Club**,NIT Agartala — *Feb 2025 - Present*
- **Led** the college badminton team,**organized** practice sessions and matches.
- **Built** team coordination and encouraged participation in **inter-college** tournaments.

•**Management Head, WeCAN Club – NIT Agartala**, — *Feb 2023 - Apr 2024*
- Led planning and coordination of teaching programs for underprivileged children.
- Managed volunteer activities and organized awareness events as part of the club's NGO mission.

CERTIFICATIONS

•**Project Management Foundations**:
•**Advanced Power BI: DAX Language, Formulas, and Calculations**:
•**SQL for Data Analysis**:
•**Data Analysis Foundations**: