

Mayank Kanojia

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SKILLS

- **Languages:** C++, Java, C, PHP
- **Frameworks:** HTML and CSS, Bootstrap
- **Tools/Platforms:** MySQL, Rapid Miner
- **Soft Skills:** Problem-Solving Skills, Logic Building, Leadership

PROJECTS

• **Vechile Sales Analysis using Machine Learning models:** November 2024

Developed a machine learning model to predict future vehicle sales based on historical data. Implemented **Support Vector Regression (SVR)** and **Random Forest Regressor**, comparing their performance using metrics like MAE, MSE, RMSE, and R^2 Score. Preprocessed data by handling missing values and encoding categorical features. Visualized insights through scatter plots, histograms, and line graphs. Achieved high accuracy with **Random Forest**, providing valuable sales trends. Utilized **Python (pandas, scikit-learn, matplotlib, seaborn)** for implementation.

• **Exit Poll Analysis:** October 2024

Conducted **Exit Poll Analysis** using **Python** to study voter behavior, turnout rates, and party performance. Collected and preprocessed data from election sources, ensuring accuracy. Utilized **pandas** for data manipulation and **matplotlib** for visualizations. Analyzed trends in electors vs. votes and party-wise seat distribution. Created **scatter plots, bar charts, and correlation analyses** to derive insights. Proposed future enhancements like **predictive analytics** and **real-time data integration**.

CERTIFICATES

- MOOC Course in Software Engineering – Saylor Academy November 2024

EDUCATION

- **Lovely Professional University** Punjab, India
Masters of Computer Application; **CGPA: 8.33** August 2024 - Present
- **Maa Shakumbari University** Saharanpur, Uttar Pradesh
Bachelors in Computer Application; **Percentage: 66%** August 2021 - June 2024
- **Kendriya Vidyalaya** Muzaffarnagar, Uttar Pradesh
Intermediate; **Percentage: 80.4%** April 2020 - March 2021