

# TANVI RAWAT

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## PROFILE SUMMARY

Aspiring Data Analyst with strong hands-on experience in Python, SQL, and Exploratory Data Analysis(EDA). Skilled in cleaning, analyzing and visualizing large datasets to derive actionable business insights. Experienced in applying machine learning techniques and building data-driven solutions using Python and SQL.

## SKILLS

- *Programming Languages:* C, C++, Python
- *Data Analysis and Visualization:* SQL, Pandas, NumPy, Matplotlib, Seaborn, Exploratory Data Analysis(EDA)
- *Machine Learning:* One-Hot Encoding, K-Means Clustering
- *Web Development:* HTML, CSS, Flask, JS
- *Databases:* MySQL, MongoDB
- *Tools:* Git, Excel

## EDUCATION

**Bachelor of Technology (B.Tech.), Computer Science Engineering (Data Science) -**

JSS University, Noida | 2024 – 2028

**High School and Secondary Education** - Universal Public School, Preet Vihar, Delhi

## PROJECTS

**Amazon Sales Intelligence & Customer Insights** | *Python, SQL, Data Analysis*

- Extracted, cleaned, and analyzed Amazon sales dataset using SQL queries and Python for trend analysis.
- Performed data cleaning, aggregations, joins, and group-by queries to generate meaningful business insights on product performance and customer behavior.
- Visualized findings with Matplotlib and Seaborn to support actionable business decisions.
- Gained hands-on experience in data extraction, transformation, analysis, and visualization.

**Movie Recommendation System** | *Python, Machine Learning*

- Built a movie recommendation system using One-Hot Encoding and K-Means Clustering.
- Performed data preprocessing, feature engineering, and clustering to group similar movies.
- Designed recommendation logic based on user preferences.
- Applied unsupervised learning techniques to solve a real-world problem.

## EXTRACURRICULAR ACTIVITIES

- Actively participated in Badminton tournaments at school level, demonstrating teamwork and discipline.

## CERTIFICATIONS

- Currently pursuing relevant technical certifications

## COURSEWORK

- Data Structures and Algorithms (DSA)
- C / C++ Programming
- Database Management Systems (DBMS)
- Operating Systems (OS)
- Web Development
- Data Analysis and Visualization
- Machine Learning Basics
- Software Engineering