

TANVI

DATA ANALYST

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SUMMARY

Data Analyst with strong expertise in SQL, Python, Power BI, and ML, now advancing toward a Data Scientist role. Skilled in EDA, predictive modeling, and NLP-based recommendation systems, delivering projects with up to 90% accuracy. Passionate about applying advanced data science techniques to solve business problems and drive strategic impact.

SKILLS

- **Technical:** SQL, Python, Power BI, Excel, Pandas, NumPy, Matplotlib, Seaborn, Streamlit, Scikit-learn, MongoDB (basic), GitHub, Jupyter, VS Code, PyCharm, HTML, CSS.
- **Core Competencies:** Data Analysis, EDA, Predictive Modeling, Data Visualization, Regression & Classification (ML), OOP, Dashboard Building, Problem-Solving, Team Collaboration

PROFESSIONAL EXPERIENCE

Unified Mentor Pvt. Ltd., Remote

Jul 2024 – Aug 2024

- Cleaned and analysed 10,000+ ride records, transforming raw data into BI insights that guided strategic planning.
- Identified peak demand patterns, uncovering a 15% surge in activity and enabling data-driven scheduling.
- Delivered actionable recommendations that improved customer engagement and optimised ride-sharing services.

Acmegrade, remote

Jan 2024– Mar 2024

- Built a sales forecasting model with 78% accuracy, enabling smarter inventory and revenue planning.
- Uncovered four major customer spending patterns, driving segmentation and targeted marketing opportunities.
- Applied Python and Excel analytics on 5,000+ records, translating raw data into business-ready insights.

PROJECTS

- **Big Mart Sales Prediction – Python, ML, Tkinter** | Built sales forecasting models (Random Forest, XGBRF) with 90% R^2 accuracy; deployed an interactive Tkinter tool enabling non-technical users to predict outcomes.
- **Movie Recommender System – Python, Streamlit, NLP** | Implemented an embedding-based recommendation engine with Sentence Transformers, improving recommendation relevance by 25% and enhancing user satisfaction through a sleek Streamlit UI.
- **Customer Churn Analysis – Python, ML (BCG Forage)** | Analysed customer behaviour patterns and built a Random Forest model (85% accuracy) to predict churn; delivered executive-level retention insights to stakeholders.
- **Ola Ride Analysis – Python, Excel, SQL** | Processed 10,000+ ride records, uncovering peak usage patterns with a 15% activity surge; insights guided demand forecasting and service optimisation.

EDUCATION

- **B.Tech (CSE), Bhagat Phool Singh Mahila Vishwavidyalaya | Sonipat | 2021–2025 | GPA (7.1)**
- **Class 12 (PCM) | Govt. Girls Sr. Sec. School | Yamunanagar | GPA(8.4)**

CERTIFICATION

- BCG Data Science Job Simulation (Forage).
- IBM SkillBuilds AI-ML Internship (CSRBox).
- Gold Belt (Senior) – Taekwondo