TAMANNA DHIR

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SOFT SKILLS

- Management Skills
- Creativity
- Teamwork
- Negotiation
- Critical Thinking
- Leadership
- Meeting deadlines

Language

- French
- English

PROFILE

Motivated B.Tech Computer Science and Engineering student specializing in Data Science and Artificial Intelligence with a strong foundation in programming, machine learning algorithms, and statistical analysis. Passionate about leveraging data-driven insights to solve complex problems and developing intelligent systems. Experienced in Python, R, Java , data visualization tools, and machine learning frameworks. Seeking opportunities to apply theoretical knowledge in real-world projects and contribute to innovative AI solutions.

Education

SRM University, Delhi-NCR 2023-Present

B. tech in Computer Science & Engineering (Artificial intelligence & Data Science Specialization)

CGPA: 7.6

12th

D.A.V Public School, Pushpanjali enclave, New Delhi *2023*

Percentage: 70.4%

PROJECTS

Think Shelf --- Let Your Shelf Think for You **July 2025**

- Developed a comprehensive book recommendation platform combining **collaborative filtering**, **content-based filtering**, and **knowledge-based techniques**.
- Integrated multiple recommendation algorithms to analyze user preferences, reading history, and book metadata.
- Improved recommendation accuracy and user engagement through personalized suggestions.
- Implemented user profiling, rating systems, and dynamic recommendation updates.
- Enhanced the overall reading discovery experience with a hybrid recommendation model.

Technical Tools: ***Pandas, NumPy*** **– for data manipulation and analysis**

TECH SKILLS

- Python
- SQL
- Tableau
- C Programming
- Python: NumPy, Pandas
- Gradio
- Streamlit
- Machine Learning

Netflix Stock Prediction **May 2025**

- Developed a Deep Learning model using **LSTM (Long Short-Term Memory)** neural networks to predict Netflix stock price movements.
- Processed historical stock data, trading volumes, and market indicators using sequential pattern recognition.
- Implemented robust data preprocessing pipelines, feature engineering techniques, and model optimization strategies.
- Achieved reliable short-term prediction accuracy, enabling effective forecasting of future price trends.
- Applied machine learning principles to automate stock trend analysis and decision support.

Technical Tools: ***Pandas, NumPy*** **– for data manipulation and preprocessing**
Matplotlib, Seaborn **– for Data Visualization**
TensorFlow / Keras **– for building and training the LSTM model**
Scikit-learn **– for data splitting, scaling, and evaluation metrics**

CERTIFICATION & ACHIEVEMENTS

- Data Science Methodology
  IBM
  April 2025
- Introduction to Deep learning
  Infosys
  August 2024
- Data Visualisation: Empowering Business with Effective insights
  July 2024
- Introduction to Natural Language Processing
  Infosys
  June 2024
- Introduction to Data Science
  Infosys
  May 2024