

Utkarsh

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EDUCATION

Maharshi Dayanand University

Bachelor of Technology, Computer Science and Engineering - *CGPA: 7.6*

CBSE 12th Percentage - 77%

CBSE 10th Percentage - 85%

Rohtak, Haryana

2021-2025

EXPERIENCE

Infosys | [Certificate](#)

AI Intern

- Developed *MaternalAI*, a machine learning model with **90%+ accuracy** for predicting pregnancy risks, enhancing maternal healthcare decision-making.
- Processed and analyzed **10,000+ maternal health records**, improving early risk detection by **30%**, leading to more accurate pregnancy outcome predictions.

Zidio Development | [Certificate](#)

Data Science Intern

- Designed and deployed **ZidioChat**, an AI-powered chatbot that handled **10,000+ user queries**, improving customer engagement by **40%**.
- Built a **NLP-driven sentiment analysis model** with **85% accuracy**, enabling real-time feedback analysis and enhancing user experience.

TECHNICAL SKILLS

- Programming Languages:** Python, SQL
- Library & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Tensorflow, Keras
- Development Tools:** Jupyter Notebook, VS Code, Google Colab
- Data Science:** Data Analysis, Machine Learning, Predictive Modeling, Statistical Analysis, Time Series Forecasting, Data Visualization, Data Cleaning
- Version Control:** Git, GitHub

PROJECTS

Customer Lifetime Value and RFM Analysis | [Link](#)

June 2024-August 2024

- Used RFM (Recency, Frequency, Monetary) analysis to segment customers based on purchasing behavior, supporting data-driven strategies to increase repeat purchases.
- Analyzed dataset of **540,000+ profiles**, generating actionable insights for targeted promotions and sales improvement.

Gemstone Price Predictor | [Link](#)

May 2024-July 2024

- Developed a **predictive model using over 190,000 entries** to accurately estimate gemstone prices based on key features, enhancing the valuation process in the gemstone industry.
- Performed data preprocessing and implemented various machine learning models, achieving a **97% accuracy**.

Stock Price Forecasting using LSTM | [Link](#)

July 2024-August 2024

- Developed stock price forecasting model using LSTM neural networks with real-time data extraction from Yfinance.
- Achieved **94% accuracy** in predictions by applying feature engineering techniques.

ACHIEVEMENTS AND CERTIFICATION

- Data Science Certification - [Coursera](#)
- Earned Badge of Python and SQL - [HackerRank](#)
- Five Star Python Coder - [HackerRank](#)

November 2023

January 2024

May 2024

ADDITIONAL INFORMATION

- Location :** Delhi
- Availability :** Immediate Joiner