



Dhruv Tyagi

☎ +91 9910655538  github.com/dhruv27tyagi  linkedin.com/dhruv63tyagi ✉ dhruv63tyagi@gmail.com

SUMMARY

With 1+ years of experience as a data scientist, I am good at solving business problems using machine learning. I hold my bachelor's degree in Engineering. Well-versed in Deep Learning, Python, and SQL with a strong foundation in statistical analysis and problem-solving. Skilled in developing end-to-end data solutions to enhance decision-making.

PROFESSIONAL EXPERIENCE

Data Scientist | *Analyst II - IS*

June, 2022 – July, 2024

DXC Technology

- Worked on Operations Optimization and Customer Experience Enhancement using Machine Learning.
- Developed predictive models, improving operational efficiency by 3.1 percent.
- Tools used - Scikit-learn, XGBoost, Azure, SQL, Deep Learning, TensorFlow, NLP

Data Intern - (HashTag Stay)

Feb,2020 – May,2020

- Conducted market analysis to support business growth strategies, leading to a 10 percent improvement in targeting expansion opportunities.
- Optimized pricing and revenue models through statistical analysis, aiding in strategic decision-making.

SKILLS

Data Science: Machine Learning, Deep Learning, Predictive Analysis, Statistics, NLP, Gen AI

Languages/Libraries: Python, JavaScript, SQL, Numpy, Pandas, Matplotlib, Scikit-learn, PyTorch

Cloud: AWS, Azure, Docker

Others: Git/GitHub, Airflow, PyCharm, MLOps, Data Structures and Algorithms

EDUCATION

University of Petroleum and Energy Studies

2018 – 2022

Bachelors of Technology | B.Tech

Indian Institute of Technology, Jodhpur

2024 – 2026

Masters of Technology in Data Engineering

MAJOR PROJECTS

Advanced Customer Churn Prediction Project | *ANN, Streamlit, Python, Machine Learning*

- * Predicting Customer Churn based on various features and finding key factors responsible for Churn
- * Preprocessed the data, built an artificial neural network and performed hyperparameter tuning to obtain good model efficiency
- * Deployed the Project using streamlit and achieved 89 percent efficiency

Next Word Prediction Project | *LSTM, RNN, Streamlit, Deep Learning, Machine Learning*

- * Developed a full-stack web application for predicting the next word in a sentence
- * Utilized LSTM and GRU RNNs and built an interactive interface
- * Performed preprocessing and model training to deliver accurate real-time text predictions with an 83 percent efficiency

Gen AI Chatbot | *Python, Deep Learning, NLP, Gen AI*

- * Developed an End to End QnA Chatbot
- * Utilised LLM Models and LangSmith
- * Deployed the chatbot using streamlit

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals: AZ - 900
- Amazon Certified Cloud Practitioner - CLF