BHUSHAN SUTAR

bhushansutar1904@gmail.com 9322790254 Mumbai, Maharashtra LinkedIn Github

CAREER OBJECTIVE

Detail-oriented Data Science & Machine Learning enthusiast pursuing B.E. in Artificial Intelligence & Machine Learning. Experienced in data collection, cleaning, EDA, model building, deep-learning pipelines and visualization using Python, SQL and modern DL frameworks. Skilled at turning raw data into actionable insights and ready to contribute as a Data Science / ML Intern.

EDUCATION

Bachelor of Engineering - Artificial Intelligence & Machine Learning, 2022 – Present
University of Mumbai
CGPA - 8.03

Higher Secondary Certificate (HSC) – Science (PCM), *Ramnarain Ruia College, Mumbai* 2020 – 2022

Secondary School Certificate (SSC), *I.E.S. Secondary School, Bhandup* 2010 – 2020

TECHNICAL SKILLS

Programming
Python, Java (DSA)

Tools
Jupyter, Google Colab, VS Code, Power BI, Excel

Core areas
Data Cleaning, EDA, Feature Engineering, Regression & Classification, Deep Learning, NLP, Model Evaluation

Libraries
Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow / Keras, OpenCV

DataBases/Queries
SQL

PROJECTS

Customer Churn Prediction using ANN (Deep Learning & Deployment)
- Developed an Artificial Neural Network (ANN) model to predict customer churn with high accuracy.
- Implemented preprocessing for consistent data handling.
- Deployed model using Streamlit, allowing real-time churn predictions via an interactive UI.
- Packaged and reused model artifacts for reproducibility.

IMDB Movie Review Sentiment Classification (Deep Learning – RNN)
- Built a Recurrent Neural Network (RNN) using TensorFlow/Keras to classify IMDB movie reviews as *positive* or *negative*.
- Implemented Embedding - Simple RNN - Dense (Sigmoid) architecture for sequential text pattern learning.
- Achieved strong classification performance and deployed via Streamlit for interactive sentiment analysis.
- Showcased expertise in NLP, deep learning architectures, and model deployment.

Next Word Prediction using LSTM (NLP – Deep Learning)
- Built a next-word prediction model using TensorFlow/Keras with LSTM layers for sequence learning.
- Performed text preprocessing including tokenization, sequence generation, padding, and vocabulary construction.
- Trained and validated the model to improve prediction accuracy and reduce language modeling loss.
- Integrated an interactive text prediction interface allowing users to input seed text and generate next-word suggestions.

ACHIEVEMENTS & LEADERSHIP

Winner – GestureTune
- Ranked 1st among 10 teams for touchless control interface using Python + OpenCV.

CERTIFICATIONS

Data Analytics Virtual Internship
Trainity

Data Visualization for Business Insights
Tata

Project Internship
Synergy School of Business Skills