

Mir Abdul Mateen Ali

Fresher Data Scientist

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SUMMARY

A motivated and enthusiastic fresher seeking to launch a career in Data Science. Eager to apply academic knowledge and technical skills to real-world challenges. Possesses a solid understanding of core data science concepts, tools, and practices, including statistical analysis, machine learning, data visualization, and data manipulation using Python.

PROJECTS

Sentiment Polarity Detection using LSTM

Description: Developed and implemented a Sentiment Polarity Detection model using Long Short-Term Memory (LSTM) networks and Support Vector Machines (SVM).

Key accomplishments: Trained and tested the model using the Amazon Reviews dataset, achieving an accuracy of 81% with the SVM method.

Achieved an improved accuracy score of 86% using the LSTM method.

Validated the model's performance on the Yelp dataset for testing purposes.

Technologies used: Python, TensorFlow/Keras (for LSTM), Scikit-learn (for SVM), Pandas, Numpy

Forrest Fire Prediction using Linear Regression

Description: Developed a predictive model for Algerian forest fires using Linear Regression.

Key accomplishments: Collected and preprocessed data for training and testing the model.

Implemented a Linear Regression model that achieved an accuracy of 85% in predicting forest fire occurrences.

Analyzed and interpreted the model's predictions to identify key factors contributing to fire incidents.

Technologies used: Python, Scikit-learn, Pandas, Numpy

SKILLS

Programming languages:

Python, Java, C++

Operating Systems: Linux,

Windows

EDUCATION

Lords Institute of Engineering and Technology, Hyderabad
— *B.Tech*

August 2020 - August 2024

CGPA: 8.32

M.S Junior College, Hyderabad — *12th*

July 2018 - April 2020

CGPA: 9.4

CERTIFICATES

Data Science Professional Certificate by IBM, Coursera.