



NUMENTRIX CONSULTING

CERTIFICATE OF AUTHENTICATED WORK

This is to certify that the project report entitled **Forecasting Crude Oil Prices Using Event Extraction And Time Series Analysis** submitted to Aloysius Institute of Management and Information Technology (AIMIT), St Aloysius College, Mangalore affiliated to Mangalore University in partial fulfillment of the requirement for the award of the degree of MASTER OF SOFTWARE TECHNOLOGY is an original work carried out by **Ms.Deeksha Deepak** Register No. **221904** under my guidance. The matter embodied in this project is authentic and is genuine work done by the student and has not been submitted whether to this University, or to any other University / Institute for the fulfillment of the requirement of any course of study.

For NUMENTRIX CONSULTING LLP.

PARTNER

Signature of the student

Date:

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Date : 21.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Deeksha Deepak**, bearing Regno 221904 of Aloysius Institute of Management and Information Technology (AIMIT), has successfully completed the internship on the project titled “**Forecasting Crude Oil Prices Using Event Extraction And Time Series Analysis**” at **Numentrix Consulting**, from 22nd April 2024.

During this period, Deeksha Deepak worked on Data Analysis , Time Series Analysis and Sentiment Analysis. She did comparison of various algorithms for crude oil that facilitates capturing insights and provides easy understanding of data.

We found Deeksha Deepak to be hardworking, sincere, and displayed good conduct.

Sincerely,

Dr. Praveen MP

Director

Numentrix Consulting Bangalore.

For NUMENTRIX CONSULTING LLP.

PARTNER

Authorized Signature