



INFORMATICS
INSTITUTE OF
TECHNOLOGY

INFORMATICS INSTITUTE OF TECHNOLOGY

In Collaboration with

UNIVERSITY OF WESTMINSTER

CatchCost

A Project Proposal by

Mr. Marshal Johnsan only

Supervised by

Mr. Mohamed Cassim Farook

Submitted in partial fulfilment of the requirements for the BEng (Hons) Software Engineering degree at the University of Westminster.

May 2023

Abstract

The researchers and writers whose work had a significant impact on the creation of the fish price prediction model mentioned in this study deserve my heartfelt appreciation. Their knowledge and commitment to the domains of financial modeling and machine learning were crucial in laying the groundwork for this research. I owe a great deal of gratitude to the businesses and institutions that provide the tools and assistance my study required. Their facilities, data accessibility, and financial support were all essential to the deployment and assessment of the prediction model.

I also want to express my gratitude to the contributors and participants who kindly provided their information and perspectives for this study. The accuracy and relevance of the predictions made by the model have greatly benefited by their cooperation and readiness to provide important information. Additionally, I want to thank the academic publications and the larger scientific community for their work in encouraging information dissemination and the study of predictive modeling. My ability to expand on earlier work and add to the scientific conversation has been made possible by their stringent review procedures and publication platforms.

Finally, I want to express my gratitude for the help and direction my mentors and advisers gave me while conducting this research. Their knowledge, suggestions, and support have been extremely helpful in determining the course and results of this study. I am really grateful for everyone's contributions to the design and implementation of the fish price forecast algorithm. Their efforts have made it possible for the fishing sector to make better decisions and control risks.