

Anexo I. Registro del Título del Trabajo Fin de Grado (TFG-BA)

NOMBRE DEL ALUMNO: JORGE DE LA VEGA GÓMEZ

PROGRAMA: E6 ANALYTICS GRUPO: A

FECHA: 23/10/2024

Director Asignado: CORONADO VACA

Apellidos

MARÍA

Nombre

Título provisional del TFG-BA:

Stock Price Prediction through ML techniques: LLM & LDA

ADJUNTAR PROPUESTA (máximo 2 páginas: objetivo, bibliografía, metodología e índice preliminares)

Summary: Objective & Methodology

The objective of this work is to compare a Machine Learning model based on LLM and another on LDA to help predict the stock price of certain shares, in order to identify which one performs better and to extrapolate the results to other sectors and geographies.

The methodology involves taking a quantitative approach to the market. We will use machine learning models such as LLM and LDA to compare which of these performs Natural Language Processing (NLP) tasks better.

Bibliography

The bibliography we will use will range from various articles and works already published by authors in relation to this subject to theoretical documents and publications on the topic that will help us develop the project in the best possible way.

Preliminary table of contents

Abstract

1. Introducción

1.1. Objective/s

1.2. Justification of the topic / object of study

1.3. General methodology of the Final Degree Project (TFG)

1.4. Structure

2. Literature Review / Theoretical Framework

3. Empirical Analysis

3.1. Data

3.2. Methodology

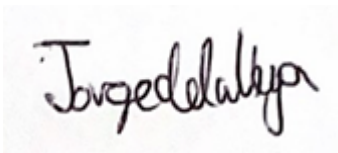
3.3. Results

4. Conclusions

5. Bibliography

6. Appendices

Firma del estudiante:

A handwritten signature in black ink, appearing to read "Jorge del Valle", is centered on a light gray rectangular background.

Fecha: 17/10/2024