**CCT College Dublin**

**Assessment Cover Page**

*To be provided separately as a word doc for students to include with every submission*

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| --- | --- |
| **Module Title:** | Programming for DA,  Statistics for Data Analytics,  Machine Learning for Data Analysis,  Data Preparation & Visualisation |
| **Assessment Title:** | CA2 |
| **Lecturer Name:** | Marina Iantorno  Muhammad Iqbal  David McQuaid |
| **Student Full Name:** | Rita Raher |
| **Student Number:** | sbs22115 |
| **Assessment Due Date:** | ?? |
| **Date of Submission:** | ?? |

Icon

Description automatically generated with medium confidence

**Declaration**

By submitting this assessment, I confirm that I have read the CCT policy on Academic Misconduct and understand the implications of submitting work that is not my own or does not appropriately reference material taken from a third party or other source. I declare it to be my own work and that all material from third parties has been appropriately referenced. I further confirm that this work has not previously been submitted for assessment by myself or someone else in CCT College Dublin or any other higher education institution.

# Abstract

Some text

# Introduction

Some text

# Methodology

Some text

# Data Collection

Some text

Data for fertiziler was collected from CSO

Data for potassium chloride was collected from

<https://www.indexmundi.com/commodities/?commodity=potassium-chloride&months=240&currency=eur>

potassium\_chloride\_price

# Data understanding

Some text

# Data preparation

Some text

# Modelling

Some text

# Evaluation

text

# Conclusion

text

Add bib

Article

<https://www.irishtimes.com/news/ireland/irish-news/price-of-fertiliser-doubles-for-farmers-with-knock-on-anticipated-in-food-prices-1.4827498#:~:text=Office%20(CSO).-,Fertiliser%20prices%20rose%20by%20127.2%20per%20cent%20since%20January%202021,output%20and%20input%20price%20indices>.

<https://www.irishexaminer.com/farming/arid-40829501.html>

**Fertiliser prices rose by 127.2 per cent since January 2021**

What is causing the increase?

<https://asmith.ucdavis.edu/news/story-rising-fertilizer-prices>

is it caused by Russia invasion?

Check the dates of when it jumped?

Look into what makes up fertilizer

Check scientific papers

Have the prices for those gone up?

<https://www.tfi.org/the-feed/fertilizer-101-big-3-nitrogen-phosphorus-and-potassium>

price for potassium

https://www.indexmundi.com/commodities/?commodity=potassium-chloride&months=360