

Continuous Assessment 2

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0.1 brief

You have been tasked with analysing Ireland's Construction data and comparing the Irish Construction sector with other countries worldwide. This analysis should also include forecasting, sentiment analysis and evidence-based recommendations for the sector as well as a complete rationale of the entire process used to discover your findings. Your Research could include export, import, trade imbalance, house production, material stock, labour/skill pool, etc. (or any other relevant topic EXCEPT Climate change) with Ireland as your base line.

Abstract

Introduction

Materials and Methods

3.1 Data sources

3.2 Programming

3.2.1 Python libraries used

3.3 Data preparation

3.3.1 Cleaning the data

3.3.2 Data visualisation

3.4 Statistics

3.4.1 Python libraries

3.4.2 Statistical analysis

Table 3.1: *Table template.*

Variable	W Test statistic	p-value
Median Age	0.93	3.18×10^{-35}
Median Income	0.94	2.22×10^{-33}
Median Price	0.87	4.34×10^{-44}
Volume of Sales	0.86	0

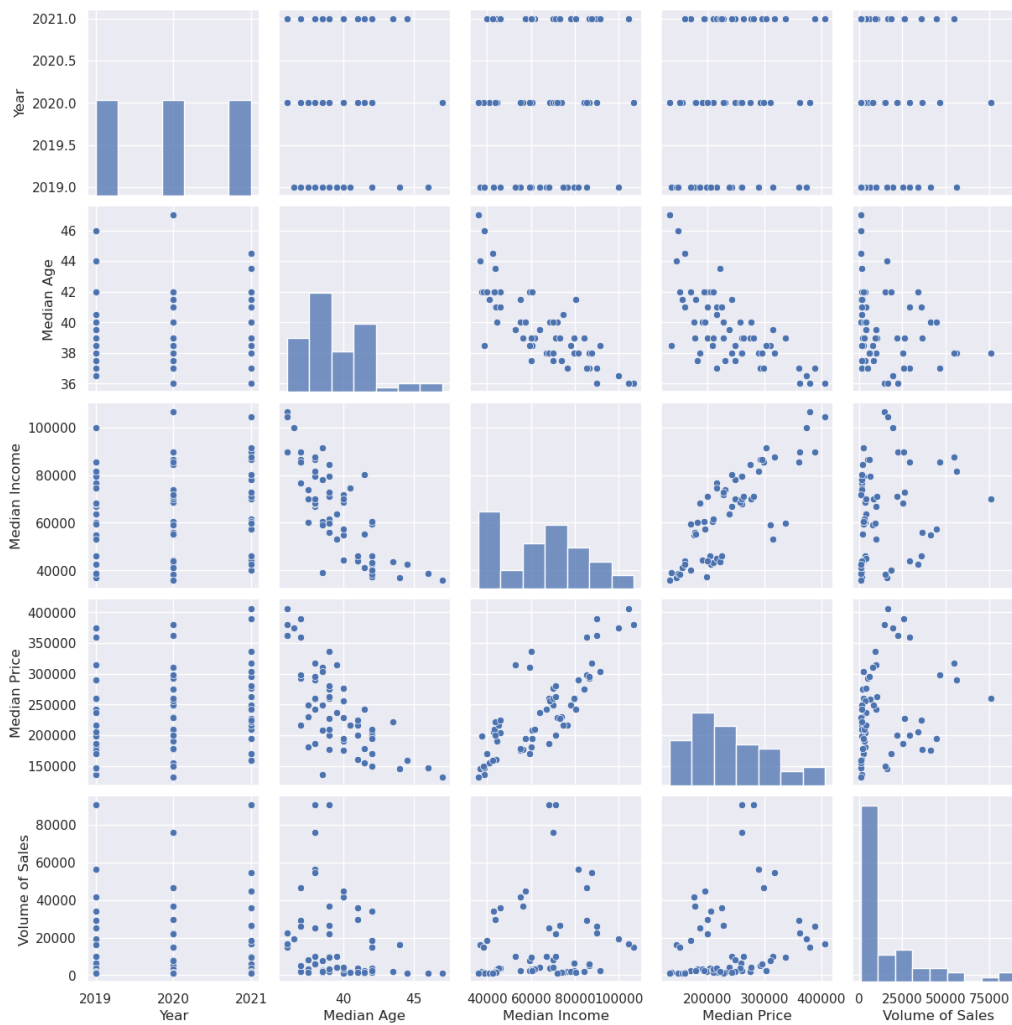


Figure 3.1: *Sample figure.*

3.5 Machine learning

3.5.1 Machine learning methods used

Results

Conclusion