

STA 137 Final Project

Ryan Chiang, Manik Sethi, Muhammad Laiq

June 2025



Figure 1: Central African Lumber

Contents

1	Introduction	2
2	Explanatory Data Analysis	2
3	Model Selection	2
3.1	Transformation	2
3.2	ACF/PACF	2
3.3	Candidate Models	2
3.4	Final Model	2
4	Forecast	2
5	Conclusion	2
6	References	3

1 Introduction

2 Explanatory Data Analysis

3 Model Selection

3.1 Transformation

3.2 ACF/PACF

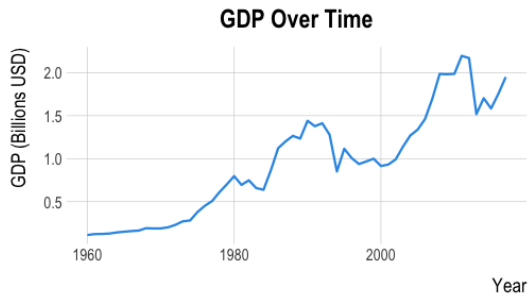
3.3 Candidate Models

3.4 Final Model

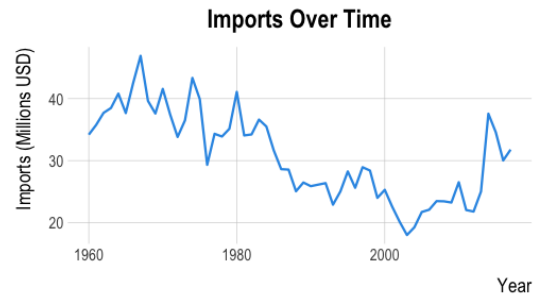
4 Forecast

5 Conclusion

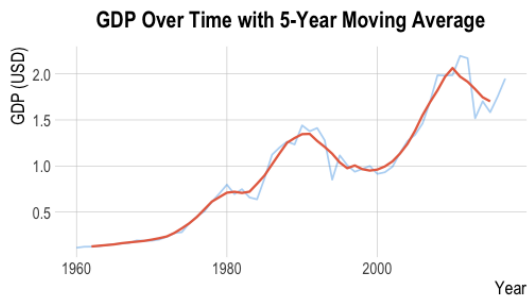
6 References



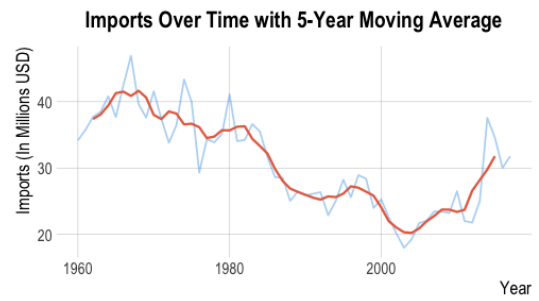
(a) Caption for the first image.



(b) Caption for the second image.



(c) Caption for the first image.



(d) Caption for the second image.

Figure 2: Graphs for EDA.