IMPACT OF SOCIO-ECONOMIC INDICATORS ON ECONOMIC DEVELOPMENT AMONG DIFFERENT COUNTRIES

By (Name)

The Name of the Class (Course)

Professor (Tutor)

The Name of the School (University)

The City and State Where it is Located

The Date

Table of Contents

[Part One 5](#_Toc150890738)

[Introduction 5](#_Toc150890739)

[Research Objectives 5](#_Toc150890740)

[Statistical Analysis 5](#_Toc150890741)

[Hypothesis 1 5](#_Toc150890742)

[Hypothesis 2 5](#_Toc150890743)

[Interactive Dashboard Design 5](#_Toc150890744)

[1.1 Background Research and Literature Review 5](#_Toc150890745)

[1.1.1 Background Research 5](#_Toc150890746)

[Correlation Analysis 5](#_Toc150890747)

[2. Hypothesis Testing 5](#_Toc150890748)

[3. Regression Analysis 5](#_Toc150890749)

[4. Interactive Dashboard Design 5](#_Toc150890750)

[1.2 Preparation and Exploration of Data Set 5](#_Toc150890751)

[Handling missing data 5](#_Toc150890752)

[Outlier Detection and Handling 5](#_Toc150890753)

[1.3.3 Exploratory Data Analysis (EDA) 5](#_Toc150890754)

[Part Two 6](#_Toc150890755)

[2.1 Descriptive Analysis 6](#_Toc150890756)

[R steps 6](#_Toc150890757)

[2.2 Correlation Analysis 6](#_Toc150890758)

[R analytic steps 6](#_Toc150890759)

[2.3 Hypothesis Testing 6](#_Toc150890760)

[Hypothesis 1 6](#_Toc150890761)

[Hypothesis 2 6](#_Toc150890762)

[2.4 Regression Analysis 6](#_Toc150890763)

[2.4.1 Linear Regression 6](#_Toc150890764)

[2.4.2 Multiple Regression 6](#_Toc150890765)

[R Analytics Steps 6](#_Toc150890766)

[2.4.3 Ridge Regression 6](#_Toc150890767)

[R analytic steps 6](#_Toc150890768)

[Lasso Regression 6](#_Toc150890769)

[R analytic steps 6](#_Toc150890770)

[Time Series 6](#_Toc150890771)

[Time Series Models 6](#_Toc150890772)

[ARIMA (Autoregressive Integrated Moving Average) Model 6](#_Toc150890773)

[VAR (Vector Autoregression) Model 7](#_Toc150890774)

[Discussion and Conclusion 7](#_Toc150890775)

[Limitations 7](#_Toc150890776)

[Conclusion 7](#_Toc150890777)

[Part Three 8](#_Toc150890778)

[3.1 Introduction 8](#_Toc150890779)

# 

# Part One

## Introduction

## Research Objectives

## Statistical Analysis

### Hypothesis 1

### Hypothesis 2

## Interactive Dashboard Design

### Background Research and Literature Review

### Background Research

### Correlation Analysis

### 2. Hypothesis Testing

### 3. Regression Analysis

### 4. Interactive Dashboard Design

#### 1.2.2 Literature Review

### 1.2 Preparation and Exploration of Data Set

#### 1.3.1 Data Dictionary

#### 1.3.2 Data Preparation

### Handling missing data

### Outlier Detection and Handling

### 1.3.3 Exploratory Data Analysis (EDA)

# Part Two

## 2.1 Descriptive Analysis

### R steps

## 2.2 Correlation Analysis

### R analytic steps

## 2.3 Hypothesis Testing

### Hypothesis 1

#### R steps

### Hypothesis 2

## 2.4 Regression Analysis

### 2.4.1 Linear Regression

#### R Analytics Steps

## 2.4.2 Multiple Regression

### R Analytics Steps

## 2.4.3 Ridge Regression

### R analytic steps

## Lasso Regression

### R analytic steps

## Time Series

## Time Series Models

### ARIMA (Autoregressive Integrated Moving Average) Model

#### R analytic steps

### VAR (Vector Autoregression) Model

#### R analytic steps

# Discussion and Conclusion

# Limitations

# Conclusion

# Part Three

## 3.1 Introduction