# Abstract

This exploratory data analysis project will be a laconic attempt to reveal and order the correlations between financial data of countries that accurately collect data and the data gathered based on PESTLE [APPLICATION OF THE PEST ANALYSIS FOR STRATEGIC PLANNING OF REGIONAL DEVELOPMENT] variables. Granger causality test method is considered while revealing the possible correlations. This research can be implemented to a basic AHP analysis as an input.

# Project Scope

Goal: This analysis project is aiming to decide on which variables with respect to PESTLE analysis are impacting the financial metrics of a country more than others. This can give insight into what variables to be more cautious to improve the performance of the financial metric that is in consideration.

Assumptions: The analysis assumes a closed and small model of a country where it disregards the following:

* Statistical relationships between PESTLE variables
* Statistical relationship between financial variables
* Statistical relationship between Countries

Resources: Various data pools and data federations

Key dimension of analysis: Time (monthly or yearly)

Constraints: To be realized/determined (at least 10 years).

# PESTLE Variables Concluded (Analytic metrics)

## Political (Independent Var.)

Political Stability Index (Yearly): <https://www.theglobaleconomy.com/USA/wb_political_stability/>

## Environmental (Independent Var.)

Carbon Dioxide Emissions (Yearly): <https://www.theglobaleconomy.com/USA/Carbon_dioxide_emissions/>

## Social (Independent Var.)

## Technological (Independent Var.)

## Legal (Independent Var.)

## Economical (Dependent Var.)

# Notes for 29 April

<https://www.tandfonline.com/doi/abs/10.1080/07350015.1985.10509467>  
Bu makaleyi buldum, granger causality için detrendizationun gerekli ve faydalı olduğu bilinen bir bilgi, ancak makaleye erişemiyorum.