

Collaborative Review Task 1

Introduction

This app was designed to generate dynamic cluster analysis on a dataset of 192 countries.

Data

The dataset includes 192 observations and 19 variables. Each observation represents a country.

Usage

Please follow the instruction to use the app

App URL

<https://hoangdinh2710.shinyapps.io/AppWeek1/>

Number of Clusters

This is the number of K-mean cluster we want to have

Number of Countries

This is the sample number of countries we want to select out of 192 countries

Distance Types

This is the method to calculate distance

Insights

- The best number of clusters of most cases where number of countries >100 is 3
- The distance calculation methods do not affect the clusters on the small number of clusters (<4). However, the effect appear to be more significant as the number of clusters increased.