Working with Big Data Group Project

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CANADA VS NETHERLAND

Topic & Planned Approach

Our group will be choosing Option 2: Country Comparison. We decided to do a comparison between the two countries: Canada and Netherland because of the Cannabis Industry. We believe these two countries would be good to make comparison as they are both well-developed countries.

First, we would discuss about the similarity between the two countries in economic aspect, like GDP and cost of living. Meanwhile, we would also talk about the satisfaction index of both countries to showcase people there are having high quality of life.

After talking about the similarity between Canada and Netherland, we would move on to have an in-depth investigation on two parts: the of Cannabis Industry overtime and factors that correlates to the use of Cannabis. For the development of Cannabis Industry, we would extract data like sales number of different kinds of Cannabis per capita in the two countries, usage of Cannabis (non-medical) etc. to showcase the Cannabis Industry development over the years.

After mentioning the overall development, we would then focus on the factors that correlates to use of Cannabis, which are average income and stress level respectively. For these, we would be using our extracted data and present them using scatter plot to showcase the positive/negative correlation between the factors and the use of Cannabis.

In addition to this, we would be giving some information about the government policies in both Canada and Netherland towards Cannabis Industry as to give more idea to other classmates on our topic.

Data Sources

We have did some research and below are some links that provide Cannabis Data for both Canada and Netherland:

General Usage

https://en.wikipedia.org/wiki/List_of_countries_by_annual_cannabis_use

Canada

Cannabis data in Canada(details with map)

https://health-infobase.canada.ca/cannabis/

Dried Cannabis Data

https://www.canada.ca/en/health-canada/services/drugs-medication/cannabis/research-data/market/dried.html

Netherlands

Revenue of cannabis in Netherlands

https://www.statista.com/outlook/hmo/cannabis/netherlands

Usage in Netherlands

https://www.trimbos.nl/wp-content/uploads/sites/31/2021/09/af1706-national-drug-monitor-2019.pdf

How Netherland Still Influences Europe's Cannabis Trade

https://newfrontierdata.com/cannabis-insights/going-dutch-how-the-netherlands-still-influences-europes-cannabis-trade/

Netherland Drug Trends

https://www.nationaledrugmonitor.nl/cannabis-laatste-feiten-en-trends/