Homework Assessment Week 10

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Lab: Studio 01 (Wednesday 10:00a.m. – 12:00p.m.)

Tutor Name: Dr. Grace Ting Chai Wen
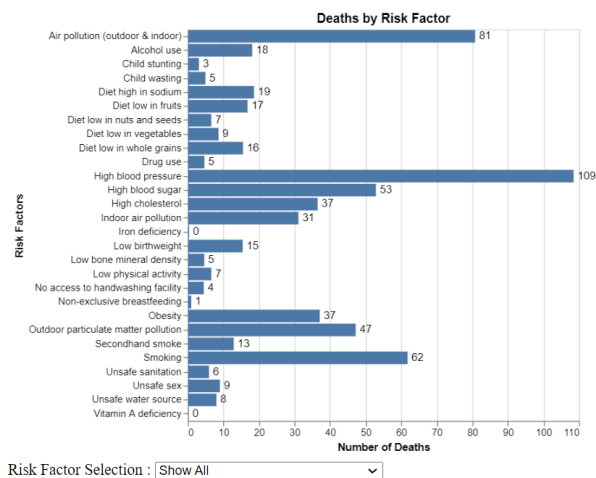
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URL to My GitHub page

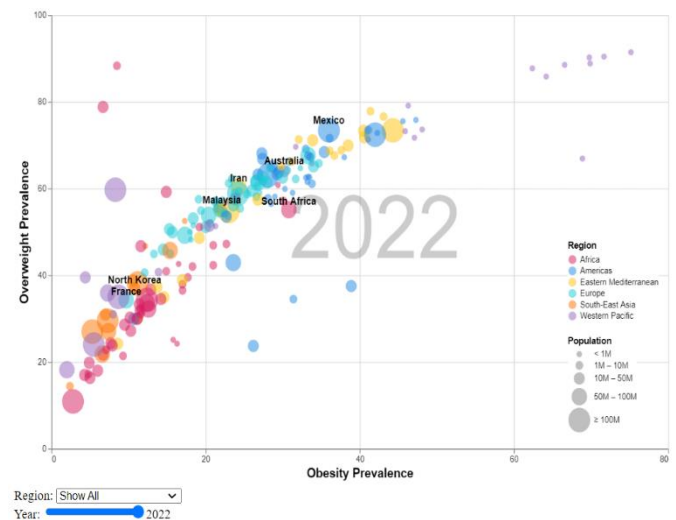*https://github.com/hawxj2003/FIT3179/tree/main/Week10Homework*

URL to HTML (Visualization)

https://hawxj2003.github.io/FIT3179/Week10Homework/Week10.html

Screen Capture

Domain

Overweight & Obesity

Dataset

Author - Our World in Data

Source - https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-obesity-among-adults-bmi--30-(age-standardized-estimate)-(-)

https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-overweight-among-adults-bmi-=-25-(age-standardized-estimate)-(-)

https://data.worldbank.org/indicator/SP.POP.TOTL

Data Attribute Types

Bar Chart
Deaths by Risk Factor: Nominal
Number of Deaths: Quantitative

Scatterplot graph
Country: Categorical
Region: Categorical
Overweight Prevalence: Quantitative
Obesity Prevalence: Quantitative
Year: Ordinal

Data Transformation

Data is already in prevalence (%) so no need to perform normalisation

Justification

Bar Chart is used to display the deaths of obesity for easy comparison to other risk factors.
Scatter Plot map is used because I want to show prevalence of obesity and overweight for each country in their regions accordingly. To include all of the attributes mentioned above, a scatterplot is the best idiom for it.