FIT3179 Week 5 Homework

Author: Albino Leirum
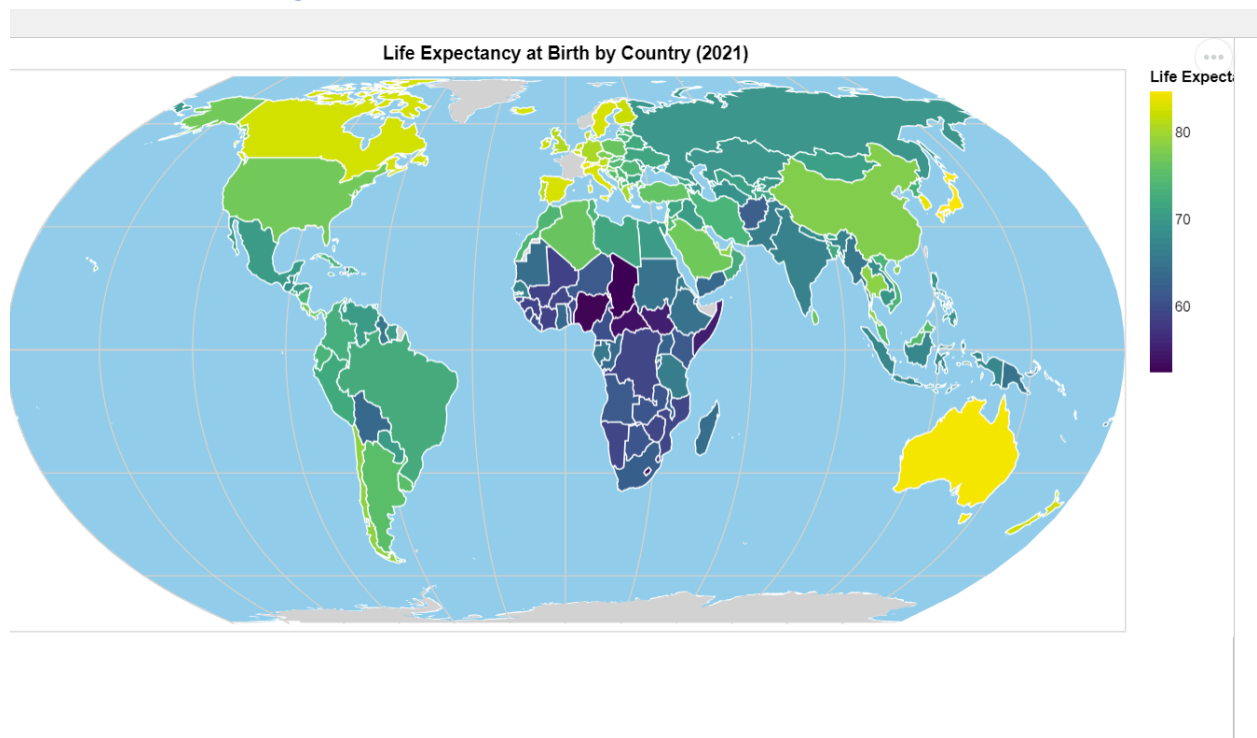
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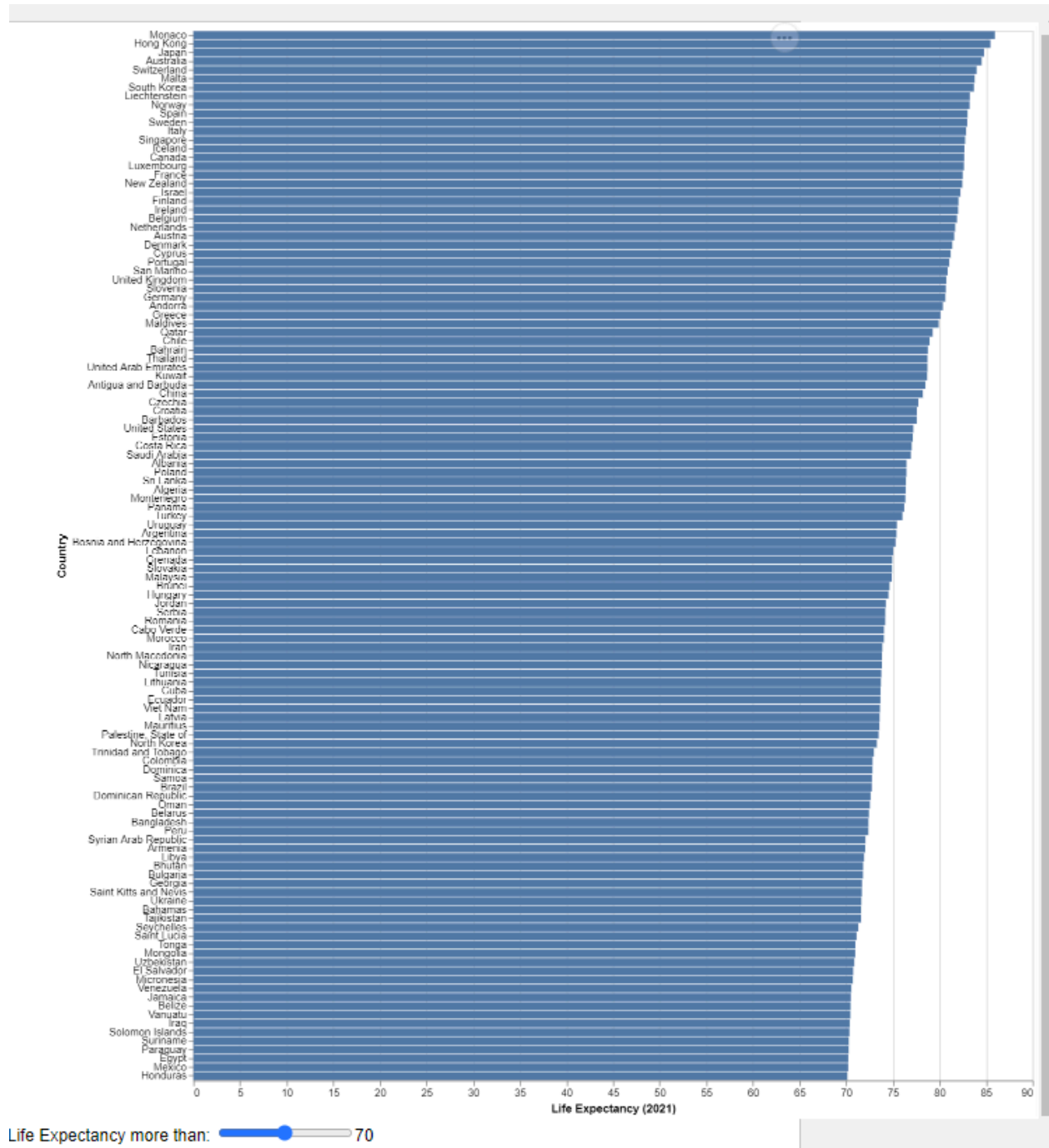
Studio: 21

Tutor: Gavin Mooney

ScreenShot:
URL: https://albie1x.github.io/week_9/

Life Expectancy at Birth by Country (2021)

Domain: Life Expectancy at Birth Across the Globe
Author: Sourav Banerjee
Source:
https://www.kaggle.com/datasets/iamsouravbanerjee/life-expectancy-at-birth-across-the-globe

Data type: The dataset contains structured quantitative data in CSV format, providing life expectancy values for different countries and using life expectancy in 2021 and other countries.

Transformation: The data has been transformed by converting the country code (ISO) to ensure matching with the geoJSON data used for map visualisations. Any necessary renaming of fields was performed to ensure compatibility with the visualisation libraries.

Reason: The transformation was necessary to ensure the dataset could be used effectively in geographic visualisations, matching country data with the corresponding spatial features for each country in the topoJSON file. This allows for a seamless representation of life expectancy worldwide in a map format.

Justification for map idiom: A **choropleth map** was chosen because it effectively visualises continuous data (life expectancy) across geographic regions, with colour intensity representing different values. This type of map is well-suited for displaying life expectancy variations across countries, making it easier to compare life expectancy at a glance.