

# FIT3179 Week 5 Homework

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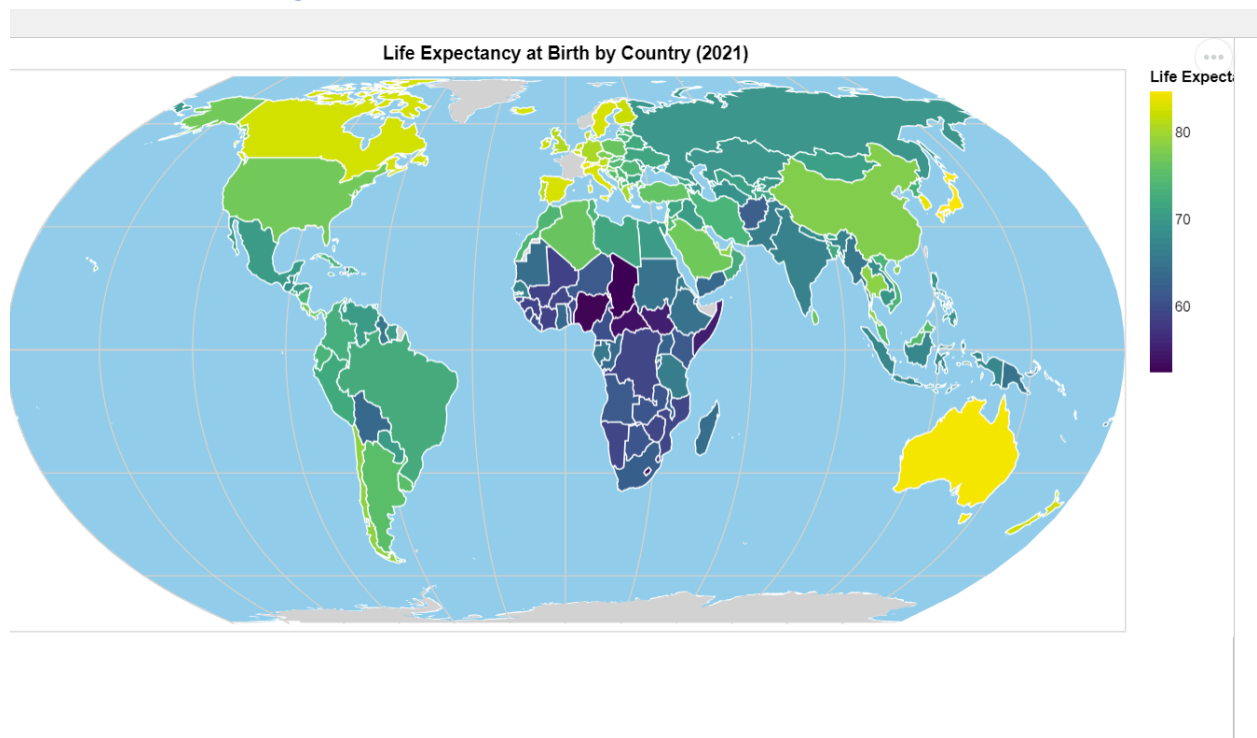
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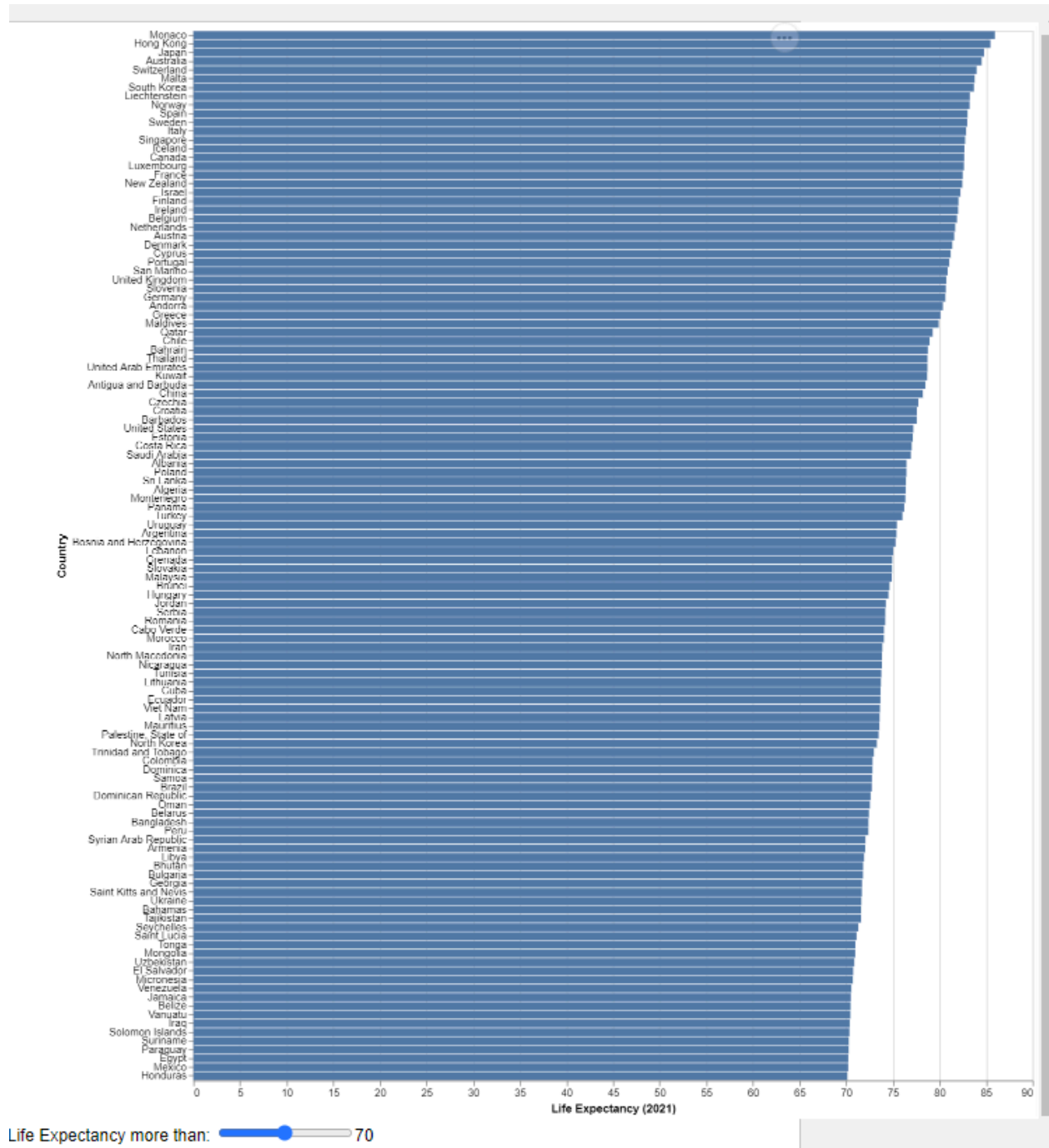
Studio: 21

Tutor: Gavin Mooney

**ScreenShot:**

URL: [https://albie1x.github.io/week\\_9/](https://albie1x.github.io/week_9/)





**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.