

Privy Practice: Visualization and Statistical Analysis of Global Life Expectancy World Bank Data in R

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Introduction

This exercise attempts to visualise the global life expectancy and conduct a variety of statistical tests to compare the life expectancy of among a select countries. The primary purpose is to compare how life expectancy in Kenya has changes over the years!!

Loading packages

Like any other R-related exercise, it is a prerequisite that we load the various packages that are going to enable the functionality that we need to successfully conduct this exercise! Like usual, I will load the **tidyverse**.

The environment

Like usual, I have almost all the required packages install on my **nasoma_r** env, which is a **conda/mamba** environment! **### Loading packages** The chunk below loads the packages that I need or could need as I take on this exercise!

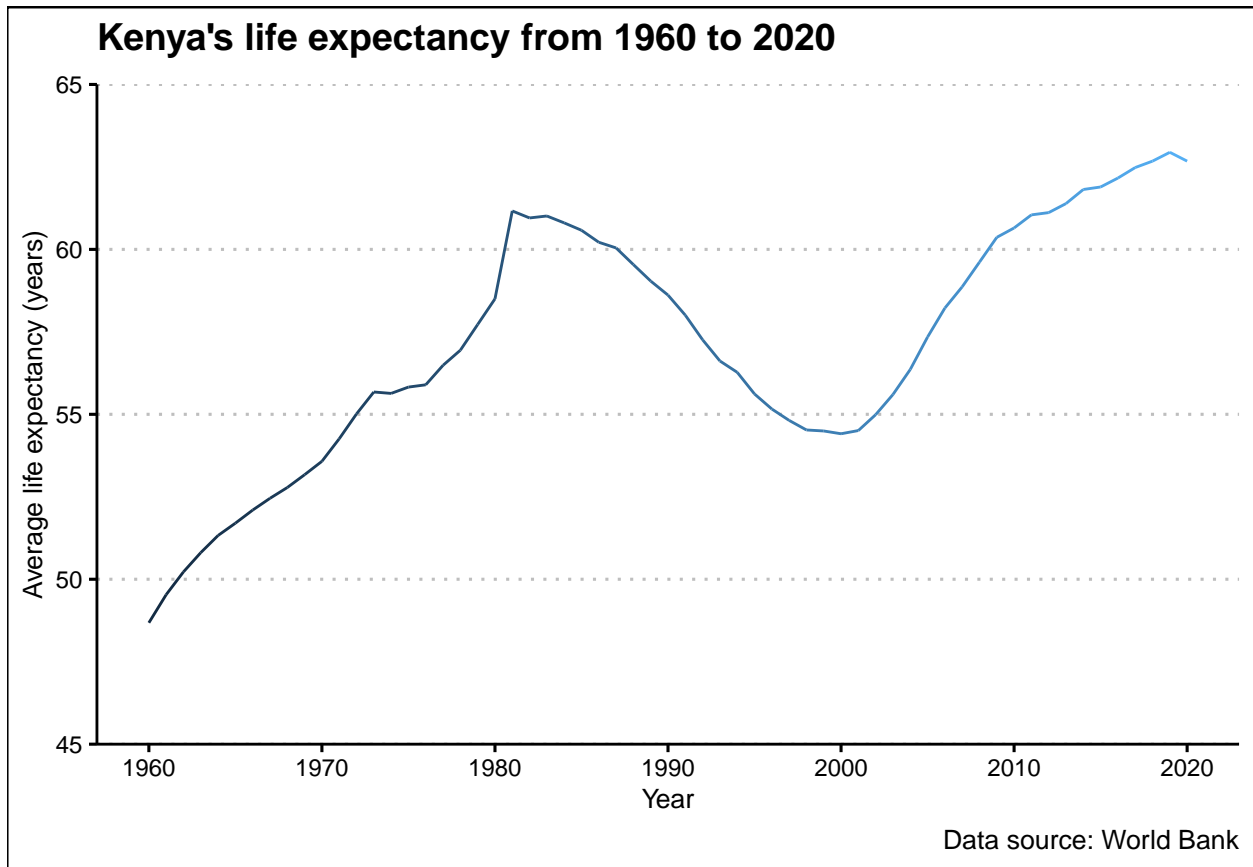
Color pallete

I had copied two color palette, which supposedly show empathy to those with color blindness, from this site! They are based on a few colors with a base of **gray** and **black**! I went on and saved them as snippets.

I load them below:

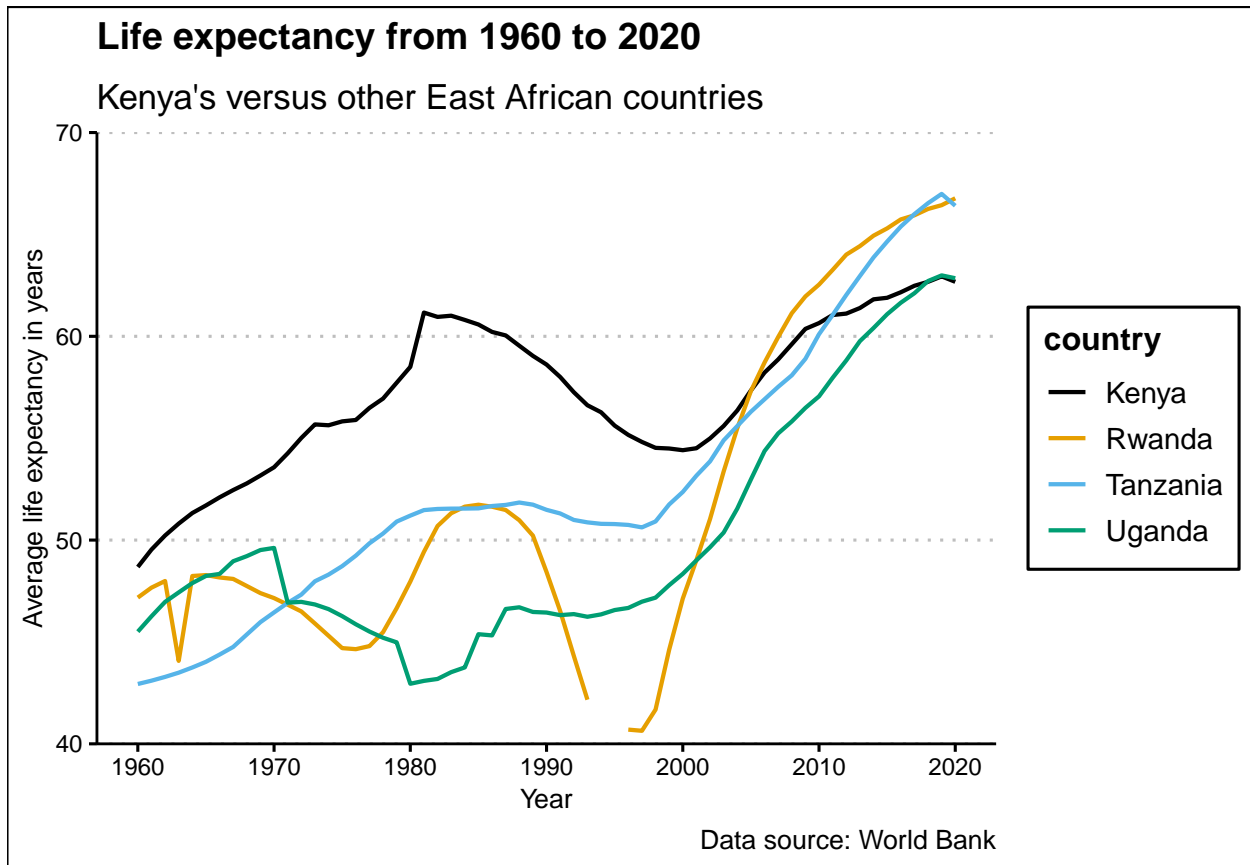
Load Data

Life expectancy in Kenya



Comparison

Kenya versus a select countries



COMMENTARY

- In the code line `geom_point(fill = "purple", color = "gray", shape = 21)`, the entry `shape = 21` enables the white fill in the points by enabling the plot symbol!!
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