Untitled

Contents

Introduction

My neighbour's name is Anna. She chose:

- Mauritius
- Canada

1. Mauritius
2. Canada

country	continent	year	lifeExp	pop	gdpPercap
Canada	Americas	1952	68.750	14785584	11367.161
Canada	Americas	1957	69.960	17010154	12489.950
Canada	Americas	1962	71.300	18985849	13462.486
Canada	Americas	1967	72.130	20819767	16076.588
Canada	Americas	1972	72.880	22284500	18970.571
Canada	Americas	1977	74.210	23796400	22090.883
Canada	Americas	1982	75.760	25201900	22898.792
Canada	Americas	1987	76.860	26549700	26626.515
Canada	Americas	1992	77.950	28523502	26342.884
Canada	Americas	1997	78.610	30305843	28954.926
Canada	Americas	2002	79.770	31902268	33328.965
Canada	Americas	2007	80.653	33390141	36319.235
Poland	Europe	1952	61.310	25730551	4029.330
Poland	Europe	1957	65.770	28235346	4734.253
Poland	Europe	1962	67.640	30329617	5338.752
Poland	Europe	1967	69.610	31785378	6557.153
Poland	Europe	1972	70.850	33039545	8006.507
Poland	Europe	1977	70.670	34621254	9508.141
Poland	Europe	1982	71.320	36227381	8451.531
Poland	Europe	1987	70.980	37740710	9082.351
Poland	Europe	1992	70.990	38370697	7738.881
Poland	Europe	1997	72.750	38654957	10159.584
Poland	Europe	2002	74.670	38625976	12002.239
Poland	Europe	2007	75.563	38518241	15389.925

Table 2: A table with pander

country	continent	year	lifeExp	pop	gdpPercap
Canada	Americas	1952	68.75	14785584	11367

country	continent	year	lifeExp	pop	gdpPercap
Canada	Americas	1957	69.96	17010154	12490
Canada	Americas	1962	71.3	18985849	13462
Canada	Americas	1967	72.13	20819767	16077
Canada	Americas	1972	72.88	22284500	18971
Canada	Americas	1977	74.21	23796400	22091
Canada	Americas	1982	75.76	25201900	22899
Canada	Americas	1987	76.86	26549700	26627
Canada	Americas	1992	77.95	28523502	26343
Canada	Americas	1997	78.61	30305843	28955
Canada	Americas	2002	79.77	31902268	33329
Canada	Americas	2007	80.65	33390141	36319
Poland	Europe	1952	61.31	25730551	4029
Poland	Europe	1957	65.77	28235346	4734
Poland	Europe	1962	67.64	30329617	5339
Poland	Europe	1967	69.61	31785378	6557
Poland	Europe	1972	70.85	33039545	8007
Poland	Europe	1977	70.67	34621254	9508
Poland	Europe	1982	71.32	36227381	8452
Poland	Europe	1987	70.98	37740710	9082
Poland	Europe	1992	70.99	38370697	7739
Poland	Europe	1997	72.75	38654957	10160
Poland	Europe	2002	74.67	38625976	12002
Poland	Europe	2007	75.56	38518241	15390

Tip from Raissa

We are now going to make a table with the huxtable package. This is very helpful for conditional formatting specially when outputting to a word docume

```r
library(huxtable)
library(flextable)
dfHt <- huxtable(df,add_colnames = TRUE)

condition <- which(dfHt$year>1990)
dfHt <- dfHt %>%  set_text_color(condition, everywhere,'blue')

dfHt <- dfHt %>% set_all_borders(everywhere,everywhere,1) %>% set_all_border_colors(everywhere,everywhe

output_format <- knitr::opts_knit$get("rmarkdown.pandoc.to")
  if(('word_document' %in% output_format)|('docx' %in% output_format)){
huxtable::as_flextable(dfHt) } else {
  dfHt
}
```

Plots
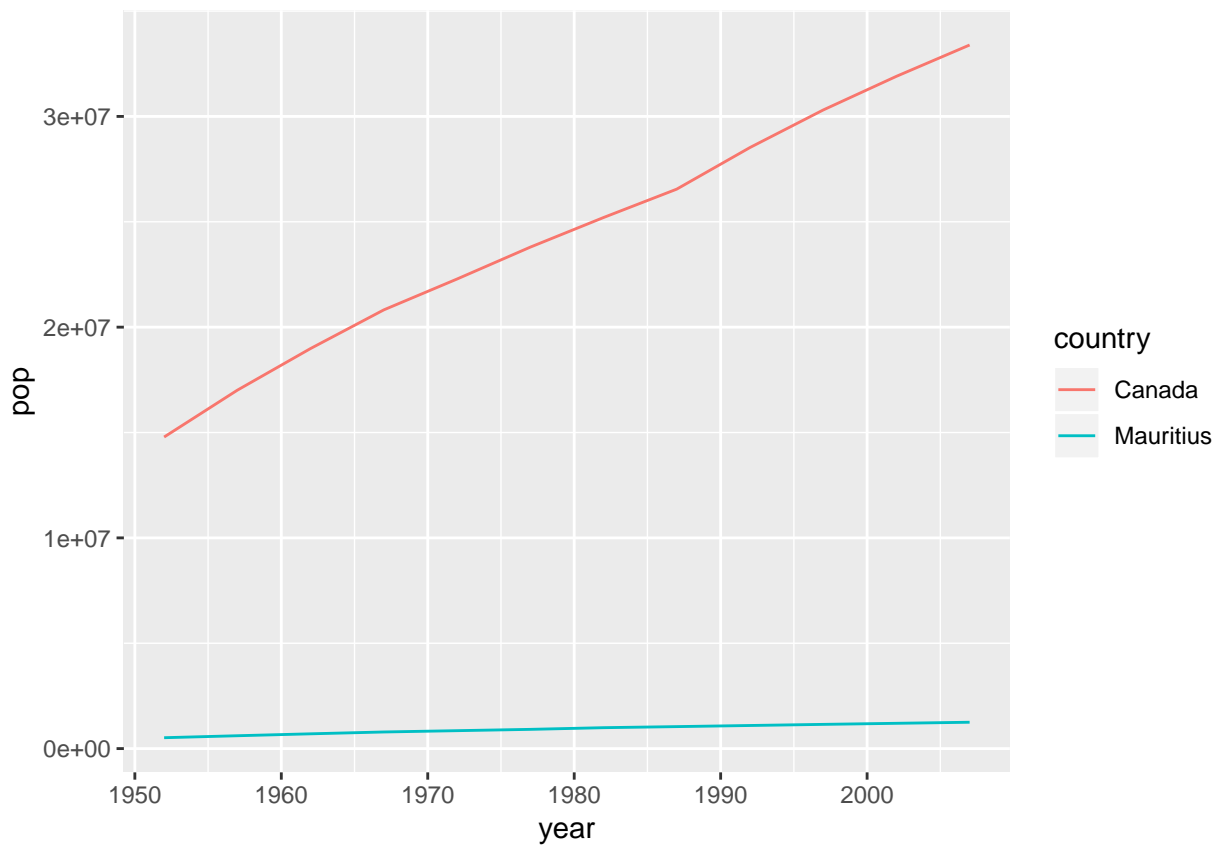
We are now going to create a plot for our two countries

Figure 1: Population of my two countries

country	continent	year	lifeExp	pop	gdpPercap
Canada	Americas	1952	68.8	14785584	1.14e+04
Canada	Americas	1957	70	17010154	1.25e+04
Canada	Americas	1962	71.3	18985849	1.35e+04
Canada	Americas	1967	72.1	20819767	1.61e+04
Canada	Americas	1972	72.9	22284500	1.9e+04
Canada	Americas	1977	74.2	23796400	2.21e+04
Canada	Americas	1982	75.8	25201900	2.29e+04
Canada	Americas	1987	76.9	26549700	2.66e+04
Canada	Americas	1992	78	28523502	2.63e+04
Canada	Americas	1997	78.6	30305843	2.9e+04
Canada	Americas	2002	79.8	31902268	3.33e+04
Canada	Americas	2007	80.7	33390141	3.63e+04
Poland	Europe	1952	61.3	25730551	4.03e+03
Poland	Europe	1957	65.8	28235346	4.73e+03
Poland	Europe	1962	67.6	30329617	5.34e+03
Poland	Europe	1967	69.6	31785378	6.56e+03
Poland	Europe	1972	70.8	33039545	8.01e+03
Poland	Europe	1977	70.7	34621254	9.51e+03
Poland	Europe	1982	71.3	36227381	8.45e+03
Poland	Europe	1987	71	37740710	9.08e+03
Poland	Europe	1992	71	38370697	7.74e+03
Poland	Europe	1997	72.8	38654957	1.02e+04
Poland	Europe	2002	74.7	38625976	1.2e+04
Poland	Europe	2007	75.6	38518241	1.54e+04

Using in-line code and parameter

Remember how we include parameters in our YAML header. I can now ask RMarkdown to include those names here. RMarkdown will print the first parameter if I put the inline code as follows:

- Mauritius
- Canada

Using loops

[1] "Mauritius" [1] "Canada"

You can put some text here before the tables

Table 3: Table-Mauritius

year	country	pop
1952	Canada	14785584
1957	Canada	17010154
1962	Canada	18985849
1967	Canada	20819767
1972	Canada	22284500
1977	Canada	23796400
1982	Canada	25201900
1987	Canada	26549700

year	country	pop
1992	Canada	28523502
1997	Canada	30305843
2002	Canada	31902268
2007	Canada	33390141

Table 4: Table-Canada

year	country	pop
1952	Canada	14785584
1957	Canada	17010154
1962	Canada	18985849
1967	Canada	20819767
1972	Canada	22284500
1977	Canada	23796400
1982	Canada	25201900
1987	Canada	26549700
1992	Canada	28523502
1997	Canada	30305843
2002	Canada	31902268
2007	Canada	33390141