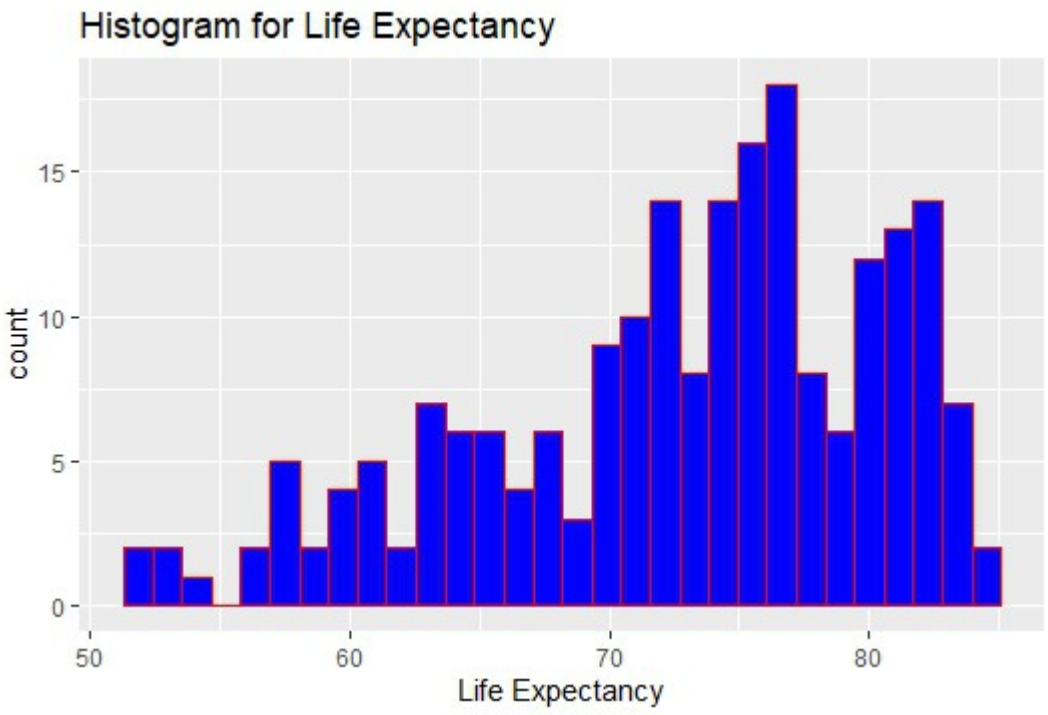
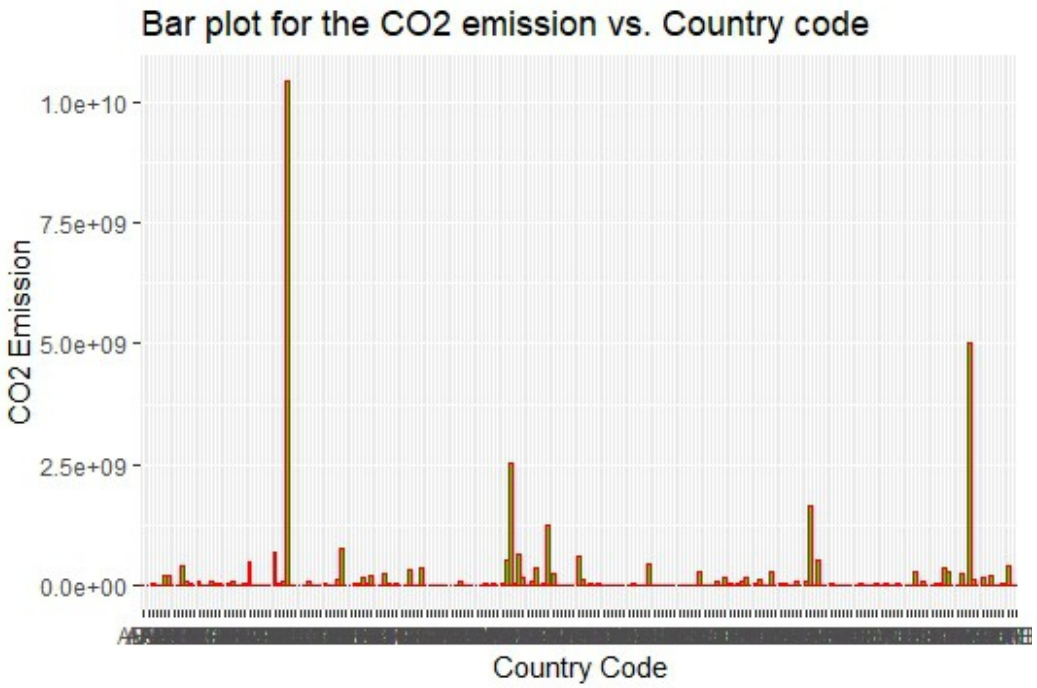
(01)



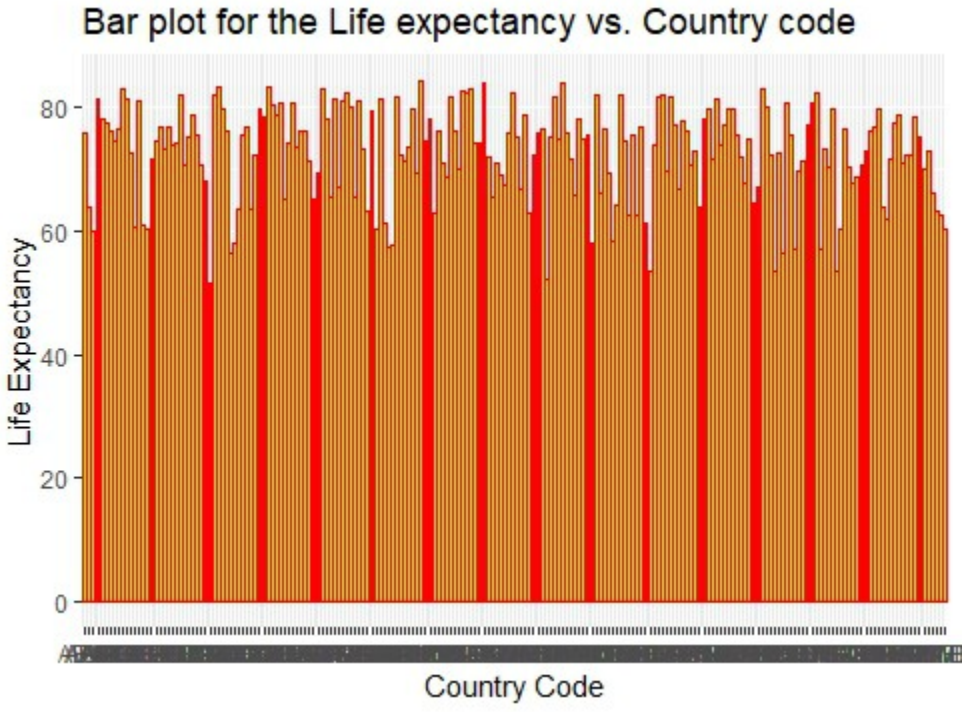
summary statistics

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
51.59	67.91	74.30	72.70	78.66	84.28

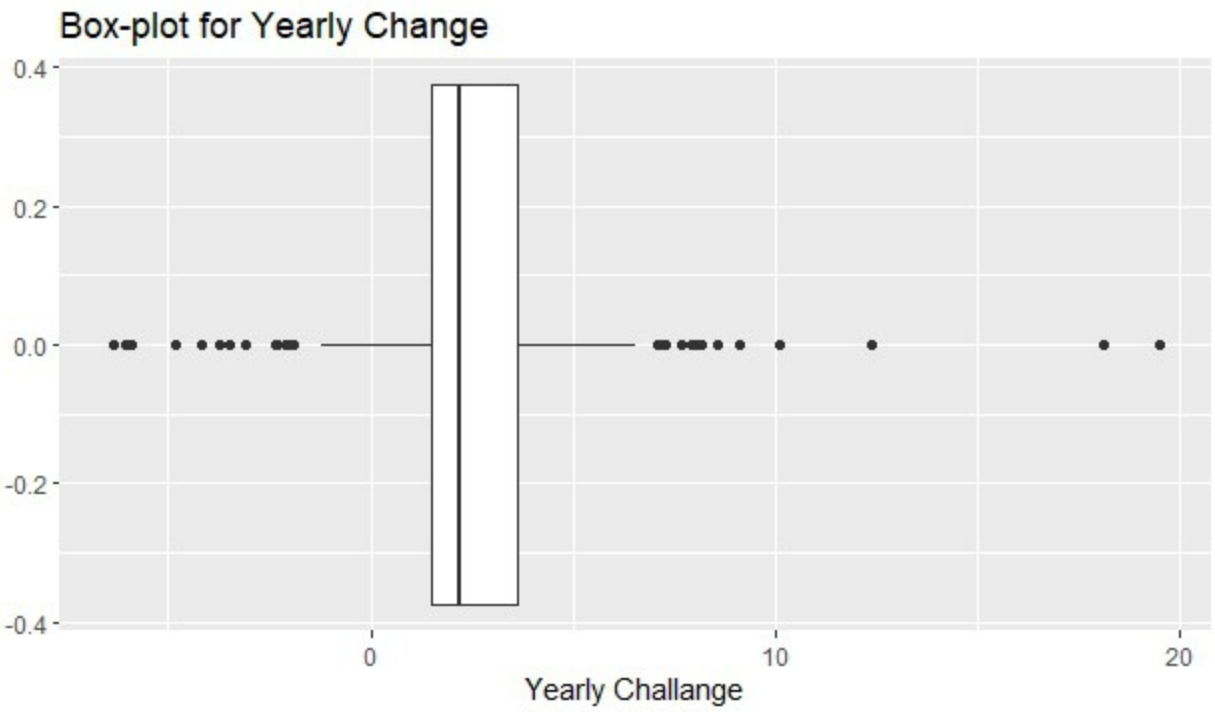
(02)


Bar plot for the CO2 emission vs. Country code
1.0e+10
7.5e+09
5.0e+09
2.5e+09
0.0e+00
CO2 Emission
Country Code

(03)


Bar plot for the Life expectancy vs. Country code
80
60
40
20
0
Life Expectancy
Country Code

(04)



Min. 1st Qu. Median Mean 3rd Qu. Max.

-6.380 1.510 2.215 2.587 3.605 19.490

Inter Quartile range= 3.605-1.510 = 2.095

(05)

-6 | 410

-4 | 992

-2 | 75143110

-0 | 9200854431

0 | 00122235556678899990122234455555555555555555566666666677777778888889

2 | 000111222223334445556666666666666677899990001112334445555556667778

4 | 01223445567789123356

6 | 1451122222222222379

8 | 0261

10 | 1

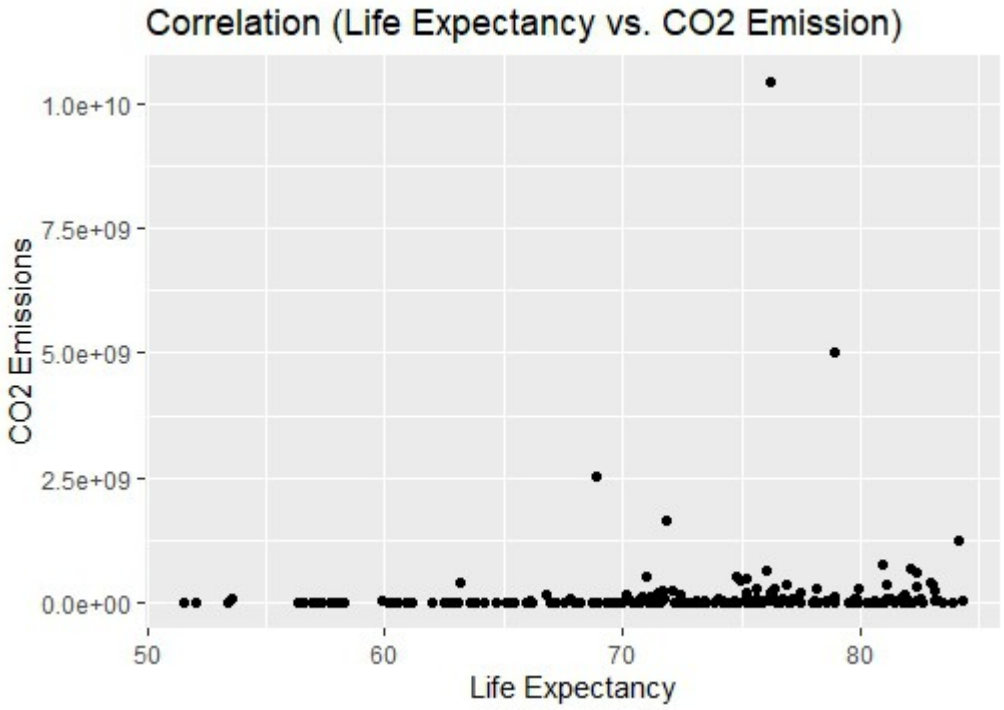
12 | 4

14 |

16 |

18 | 15

(06)



Pearson corellation coefficient

0.09288626

Spearman corellation coefficient

0.2824008

(07)

Call:
lm(formula = CO2Emissions ~ LifeExpectancy)

Residuals:
```
      Min         1Q     Median         3Q        Max
-2.750e+08 -1.858e+08 -1.300e+08 -3.853e+07  1.023e+10
```

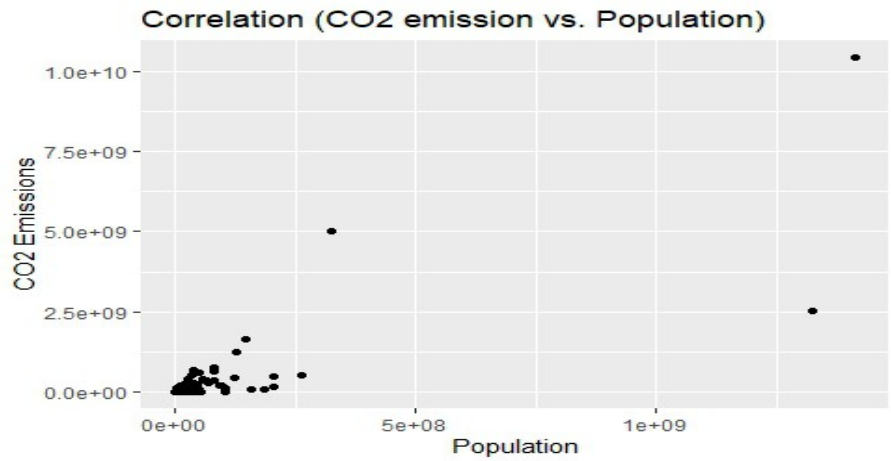
Coefficients:
```
                Estimate Std. Error t value Pr(>|t|)
(Intercept)    -563407614  547910119  -1.028    0.305
LifeExpectancy   10035281    7494847   1.339    0.182
```

Residual standard error: 831200000 on 206 degrees of freedom
Multiple R-squared: 0.008628,	Adjusted R-squared: 0.003815
F-statistic: 1.793 on 1 and 206 DF, p-value: 0.1821

Y=mX+C
Y=10035281*X - 563407614

10035281*(20000000000)-563407614 = 2.007056e+17

(08)



(09)

Call:

lm(formula = LifeExpectancy ~ CO2Emissions + Population)

Residuals:

Min	1Q	Median	3Q	Max
-21.089	-4.750	1.457	5.946	11.498

Coefficients:

	Estimate	Std. Error	t value	Pr(>|t|)	
(Intercept)	7.275e+01	5.453e-01	133.424	<2e-16	***
CO2Emissions	2.976e-09	1.127e-09	2.641	0.0089	**
Population	-1.537e-08	6.757e-09	-2.275	0.0239	*

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 7.617 on 205 degrees of freedom

Multiple R-squared: 0.03304, Adjusted R-squared: 0.0236

F-statistic: 3.502 on 2 and 205 DF, p-value: 0.03195