Untitled

## Quarto

Quarto enables you to weave together content and executable code into a finished document. To learn more about Quarto see <https://quarto.org>.

## Running Code

When you click the **Render** button a document will be generated that includes both content and the output of embedded code. You can embed code like this:

1 + 1

[1] 2

You can add options to executable code like this

The echo: false option disables the printing of code (only output is displayed).

import numpy as np  
mylist = [r.t, 1, 2, 3]  
print(mylist)

[4.0, 1, 2, 3]

library(RStata)

df = iris  
RStata::stata("tab Species", data.in = df)

. tab Species  
  
 Species | Freq. Percent Cum.  
------------+-----------------------------------  
 setosa | 50 33.33 33.33  
 versicolor | 50 33.33 66.67  
 virginica | 50 33.33 100.00  
------------+-----------------------------------  
 Total | 150 100.00

RStata::stata("codebook", data.in = df)

. codebook  
  
-------------------------------------------------------------------------------  
Sepal\_Length Sepal.Length  
-------------------------------------------------------------------------------  
  
 type: numeric (double)  
  
 range: [4.3,7.9] units: .1  
 unique values: 35 missing .: 0/150  
  
 mean: 5.84333  
 std. dev: .828066  
  
 percentiles: 10% 25% 50% 75% 90%  
 4.8 5.1 5.8 6.4 6.9  
  
-------------------------------------------------------------------------------  
Sepal\_Width Sepal.Width  
-------------------------------------------------------------------------------  
  
 type: numeric (double)  
  
 range: [2,4.4] units: .1  
 unique values: 23 missing .: 0/150  
  
 mean: 3.05733  
 std. dev: .435866  
  
 percentiles: 10% 25% 50% 75% 90%  
 2.5 2.8 3 3.3 3.65  
  
-------------------------------------------------------------------------------  
Petal\_Length Petal.Length  
-------------------------------------------------------------------------------  
  
 type: numeric (double)  
  
 range: [1,6.9] units: .1  
 unique values: 43 missing .: 0/150  
  
 mean: 3.758  
 std. dev: 1.7653  
  
 percentiles: 10% 25% 50% 75% 90%  
 1.4 1.6 4.35 5.1 5.8  
  
-------------------------------------------------------------------------------  
Petal\_Width Petal.Width  
-------------------------------------------------------------------------------  
  
 type: numeric (double)  
  
 range: [.1,2.5] units: .1  
 unique values: 22 missing .: 0/150  
  
 mean: 1.19933  
 std. dev: .762238  
  
 percentiles: 10% 25% 50% 75% 90%  
 .2 .3 1.3 1.8 2.2  
  
-------------------------------------------------------------------------------  
Species Species  
-------------------------------------------------------------------------------  
  
 type: numeric (long)  
 label: Species  
  
 range: [1,3] units: 1  
 unique values: 3 missing .: 0/150  
  
 tabulation: Freq. Numeric Label  
 50 1 setosa  
 50 2 versicolor  
 50 3 virginica