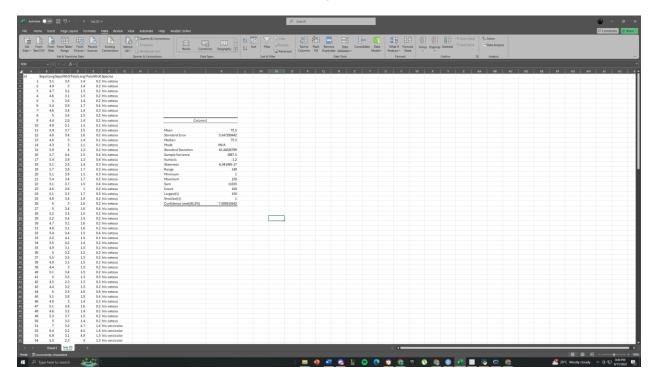
WEEK 2: LAB ACTVITIES

EXCEL:



PYTHON:

R:

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File Edit View Misc Packages Windows Help
R Console
                                                                                                             - B X
R version 4.4.1 (2024-06-14 ucrt) -- "Race for Your Life"
 Copyright (C) 2024 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions. Type 'license()' or 'licence()' for distribution details.
  Natural language support but running in an English locale
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
 'citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
 'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
> iris <- read.csv("https://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data", header = FALSE)
> names(iris) <- c("sepal_length", "sepal_width", "petal_length", "petal_width", "class")
 > dim(iris)
 [1] 150 5
 > summary(iris)
  sepal_length
                   sepal_width
                                    petal_length
                                                     petal_width
 Min. :4.300 Min. :2.000 Min. :1.000 Min. :0.100

1st Qu::5.100 1st Qu::2.800 1st Qu::1.600 1st Qu::0.300

Median :5.800 Median :3.000 Median :4.350 Median :1.300

Mean :5.843 Mean :3.054 Mean :3.759 Mean :1.199
 3rd Qu.:6.400 3rd Qu.:3.300 3rd Qu.:5.100 3rd Qu.:1.800
Max. :7.900 Max. :4.400 Max. :6.900 Max. :2.500
 Length:150
 Class : character
 Mode :character
 > str(iris)
 'data.frame': 150 obs. of 5 variables:
 $ sepal length: num 5.1 4.9 4.7 4.6 5 5.4 4.6 5 4.4 4.9 ...
 $ sepal width : num 3.5 3 3.2 3.1 3.6 3.9 3.4 3.4 2.9 3.1 ...
 $ petal length: num 1.4 1.4 1.3 1.5 1.4 1.7 1.4 1.5 1.4 1.5 ...
 >
<
```

TABLEAU:

