week2

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2023-08-03

```r
library(here)
```

```
## here() starts at /home/rajeshkalakoti/Documents/data_mining_with_R
```

```r
project_path <- here()
source(here("R","utils.R"))
```

```r
data(iris)
iris_data <- iris[, 1:4]  # Selecting the first 4 columns (features)
# Calculate the Hopkins statistic using the hopkins_stat function
?hopkins_stat
```

```
## No documentation for 'hopkins_stat' in specified packages and libraries:
## you could try '??hopkins_stat'
```

```r
hopkins_value <- hopkins_stat(iris_data)
print(hopkins_value)
```

```
## [1] 0.9944639
```

```r
hopkins_stat_pval(0.21,10)
```

```
## [1] 0.00466205
```