

# FLER4110 - Assignment 3

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## Part 1 - Exploring chips-language connection

```
dataset <- read.csv(file = 'chips_df.csv')  
mean(dataset[["chips"]])
```

```
## [1] 4.21875
```

```
sd(dataset[["chips"]])
```

```
## [1] 4.584225
```

```
mean(dataset[["languages"]])
```

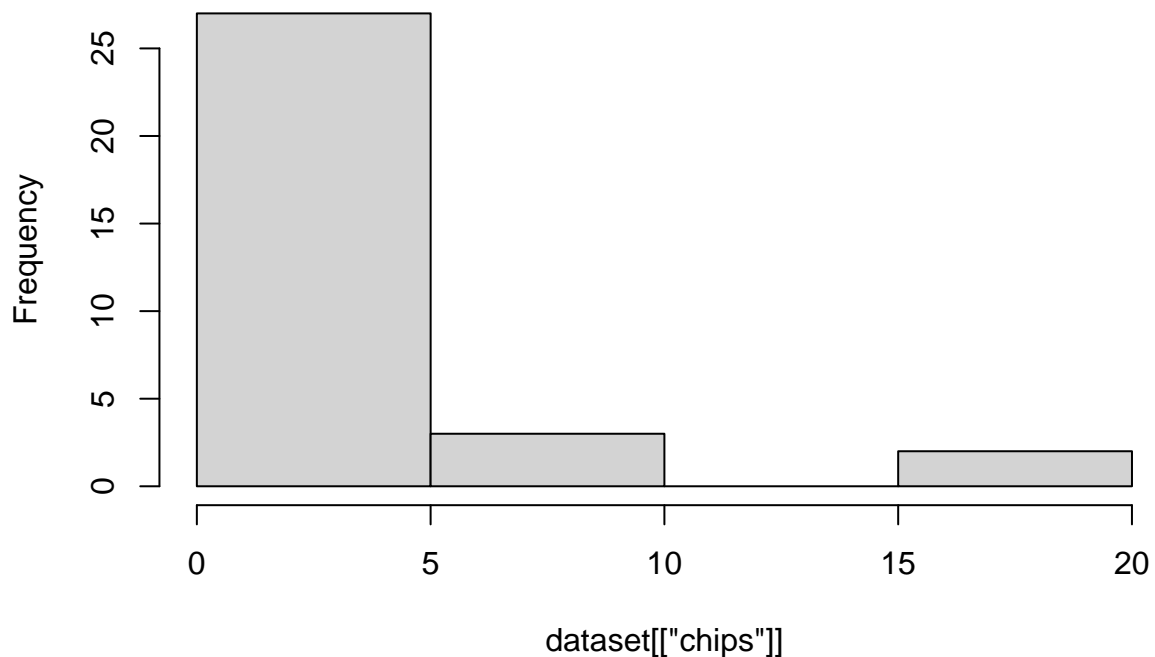
```
## [1] 2.78125
```

```
sd(dataset[["languages"]])
```

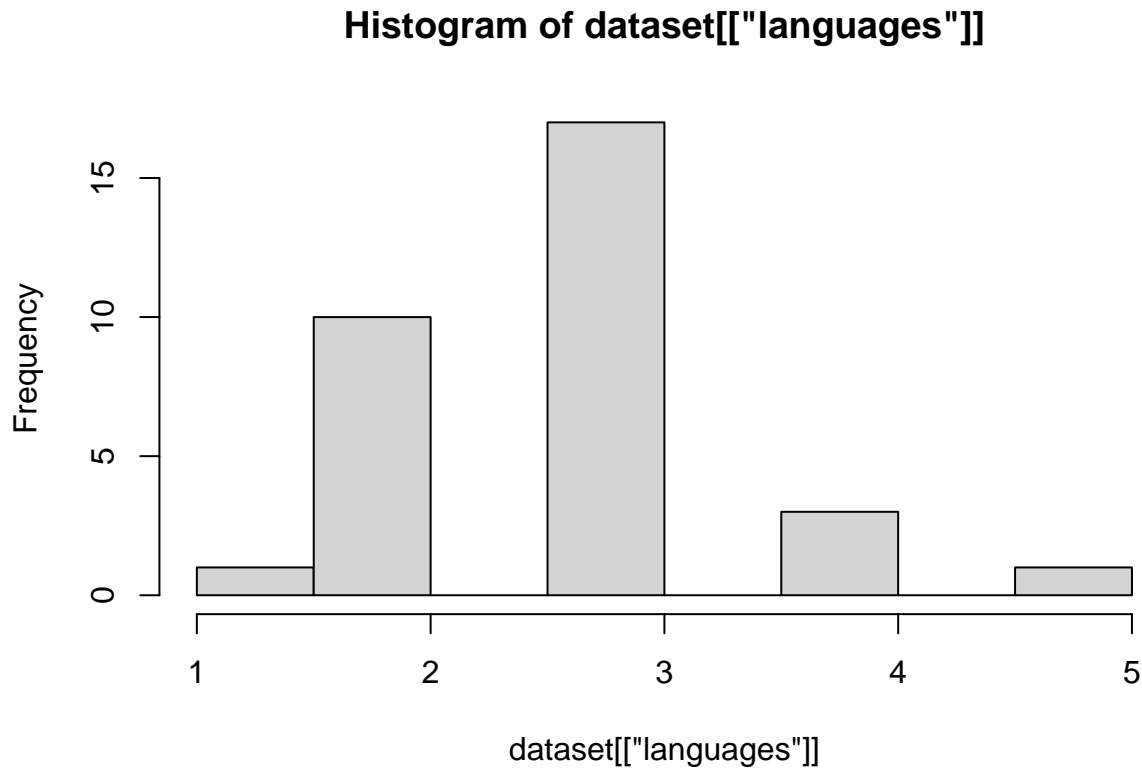
```
## [1] 0.7924798
```

```
hist(dataset[["chips"]])
```

**Histogram of dataset[["chips"]]**



```
hist(dataset[["languages"]])
```



## Part 2 - My R journey so far

To be honest, I must admit that I am not quite the target audience for this course. This course is aimed at language students, but I have my background from informatics and computer science. Since I had very little prior experience with R, I think it is safe to say that my true R journey started with this course. Computational statistics on the other hand, is something I have much experience with from studies and work, as I'm writing my masters thesis in language technology. I have used R once before starting this course, in a data science project when we needed to apply Logistic PCA: a function that had no implementation in python. In other words, a couple lines of code.

Nothing that I have done so far have I considered challenging, but I do not have the expectations of being challenged this early in the course, considering that I have taken similar courses before. I think I will learn much more later in the course when the obligatory assignments increase in difficulty and work, and by the end of the course become a confident, or at least comfortable R programmer. To be completely honest I have not attended many of the classes yet and have an insufficient amount of data to give helpful feedback on. But I look forward to get more training in applying computational statistics to different use cases, primarily with language data. I do however think that the use of mandatory (weekly) assignment is an excellent way to help students learn programming and the curriculum well. I am a big fan of practical exercises.

So to conclude, as I am at the very start of my R journey, it is only natural that my experience has been very forgiving given my prior knowledge and I look forward to learn more as the assignments increase in difficulty and finally become a comfortable R programmer.