

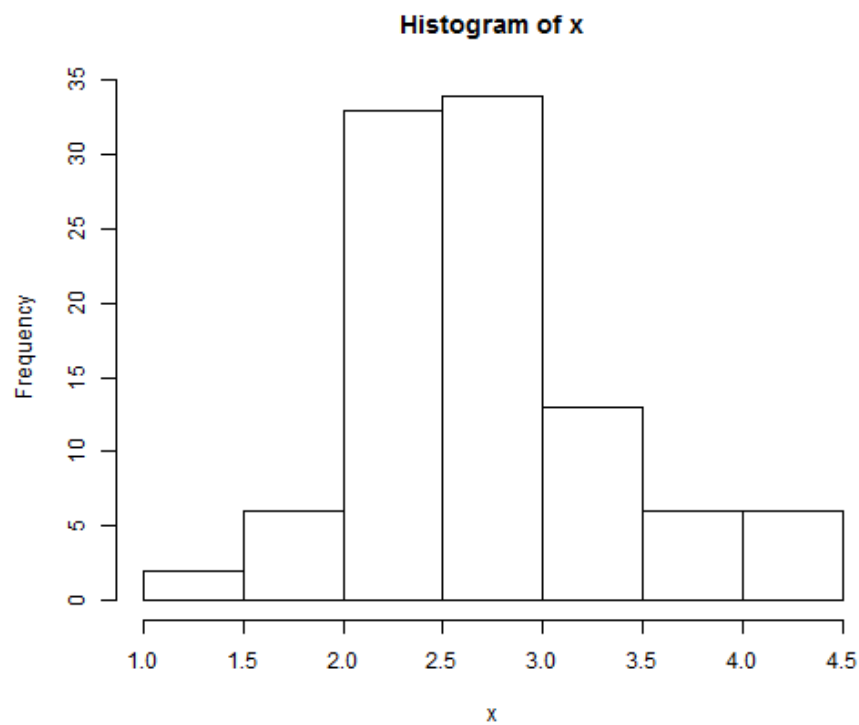
Introduction to R Markdown (Homework 1.2)

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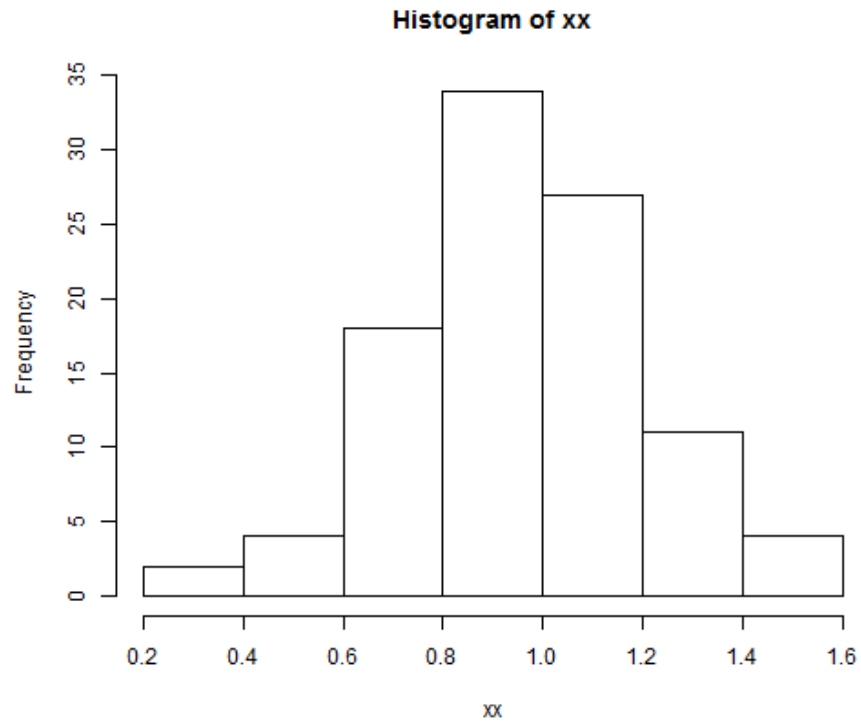
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1. *Simulating data and plotting it*

As a demonstration, we are going to create a PDF document that samples 100 values from a log-normal distribution with mean 1 and standard deviation a quarter. Below is a histogram of the sample:



And below is a histogram of the log of the sample, recovering the familiar normal distribution:



The mean and variance are respectively:

```
## [1] 2.68641
```

```
## [1] 0.4109132
```