

Stat243 Problem Set 1

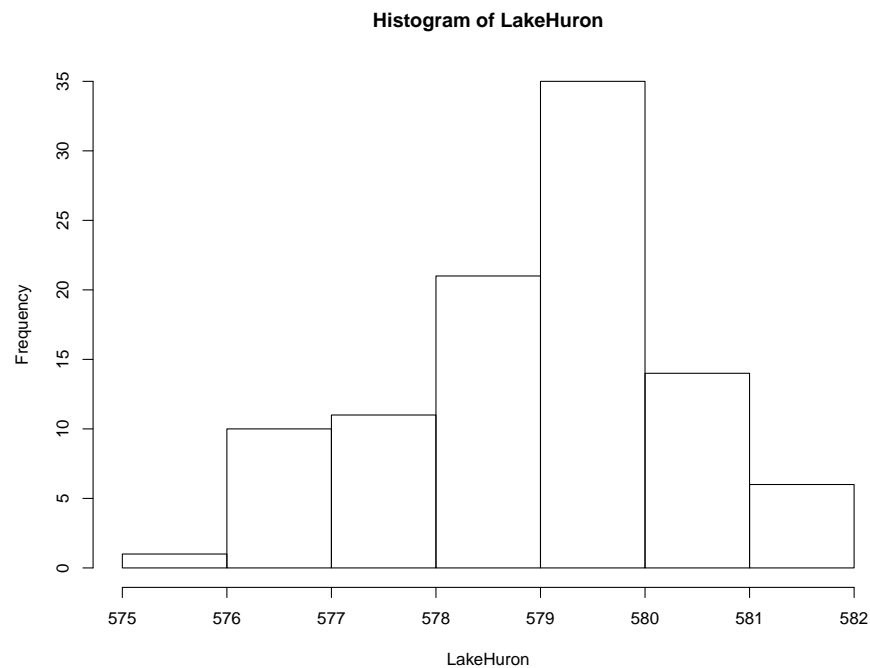
Question 4

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Sept 2017

The height of the water level in Lake Huron fluctuates over time. Here I 'analyze' the variation using R. I show a histogram of the lake levels for the period 1875 to 1972.

```
hist(LakeHuron)
```



```
lowHi <- c(which.min(LakeHuron), which.max(LakeHuron))  
yearExtrema <- attributes(LakeHuron)$tsp[1]-1 + lowHi
```