

My First R Markdown Report

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Introduction

This is an R Markdown document demonstrating basic R functionality.

Data Summary

We analyze the built-in `mtcars` dataset.

```
# Display basic summary statistics  
summary(mtcars)
```

```
##           mpg           cyl           disp           hp  
## Min.      :10.40   Min.      :4.000   Min.      : 71.1   Min.      : 52.0  
## 1st Qu.:15.43   1st Qu.:4.000   1st Qu.:120.8   1st Qu.: 96.5  
## Median :19.20   Median :6.000   Median :196.3   Median :123.0  
## Mean     :20.09   Mean     :6.188   Mean     :230.7   Mean     :146.7  
## 3rd Qu.:22.80   3rd Qu.:8.000   3rd Qu.:326.0   3rd Qu.:180.0  
## Max.      :33.90   Max.      :8.000   Max.      :472.0   Max.      :335.0  
##           drat           wt           qsec           vs  
## Min.      :2.760   Min.      :1.513   Min.      :14.50   Min.      :0.0000  
## 1st Qu.:3.080   1st Qu.:2.581   1st Qu.:16.89   1st Qu.:0.0000  
## Median :3.695   Median :3.325   Median :17.71   Median :0.0000  
## Mean     :3.597   Mean     :3.217   Mean     :17.85   Mean     :0.4375  
## 3rd Qu.:3.920   3rd Qu.:3.610   3rd Qu.:18.90   3rd Qu.:1.0000  
## Max.      :4.930   Max.      :5.424   Max.      :22.90   Max.      :1.0000  
##           am           gear           carb  
## Min.      :0.0000   Min.      :3.000   Min.      :1.000  
## 1st Qu.:0.0000   1st Qu.:3.000   1st Qu.:2.000  
## Median :0.0000   Median :4.000   Median :2.000  
## Mean     :0.4062   Mean     :3.688   Mean     :2.812  
## 3rd Qu.:1.0000   3rd Qu.:4.000   3rd Qu.:4.000  
## Max.      :1.0000   Max.      :5.000   Max.      :8.000
```