

RegressionModel_Week4_AssignedProject

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10/25/2020

R Markdown

EXECUTIVE SUMMARY This report is for Motor Trend Magazine, and for the purpose the purpose is to (A) analyzing a data set of a collection of cars, (B) explore the relationship between a set of variables and miles per gallon (MPG) (outcome) and (C) answer the two questions listed below.

- (1) “Is an automatic or manual transmission better for MPG”?
- (2) “Quantify the MPG difference between automatic and manual transmissions”?

```
library(ggplot2)
data(mtcars)
```

```
summary(mtcars)
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.