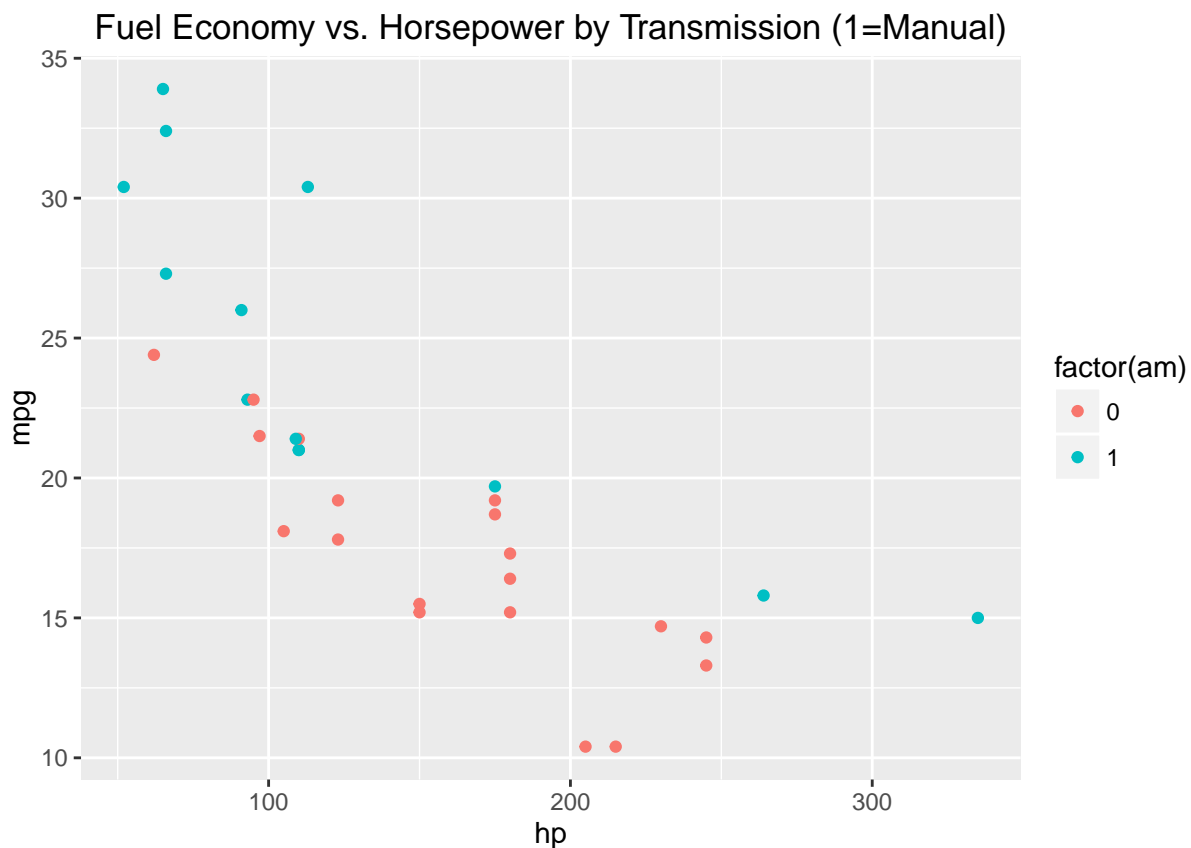# Instructions for Running the Shiny App

INTRODUCTION:

This Shiny app leverages the mtcars dataset – which contains fuel consumption (and other information) for 32 automobiles based on the 1974 Motor Trend US magazine – and creates a linear model to predict fuel consumption based on both horsepower and transmission type. The app takes user input for both predictors to predict fuel economy.

The raw data upon which the prediction model is based is shown below. Notice the linear relationship between fuel economy and the predictors.

```
## Warning: package 'ggplot2' was built under R version 3.1.3
```


INSTRUCTIONS:

These are the instructions for running the Shiny application.

Step 1: Within any browser, visit: https://courseraproject.shinyapps.io/course9/

Step 2: Select Horsepower using the widget. Note that the horsepower increments/decrements in units of 5. The min allowable is 50 and the max allowable is 300.

Step 3: Select transmission type using the drop down (manual or automatic)

Step 4: Press the Submit button.

The model output will be displayed in the rightmost panel.