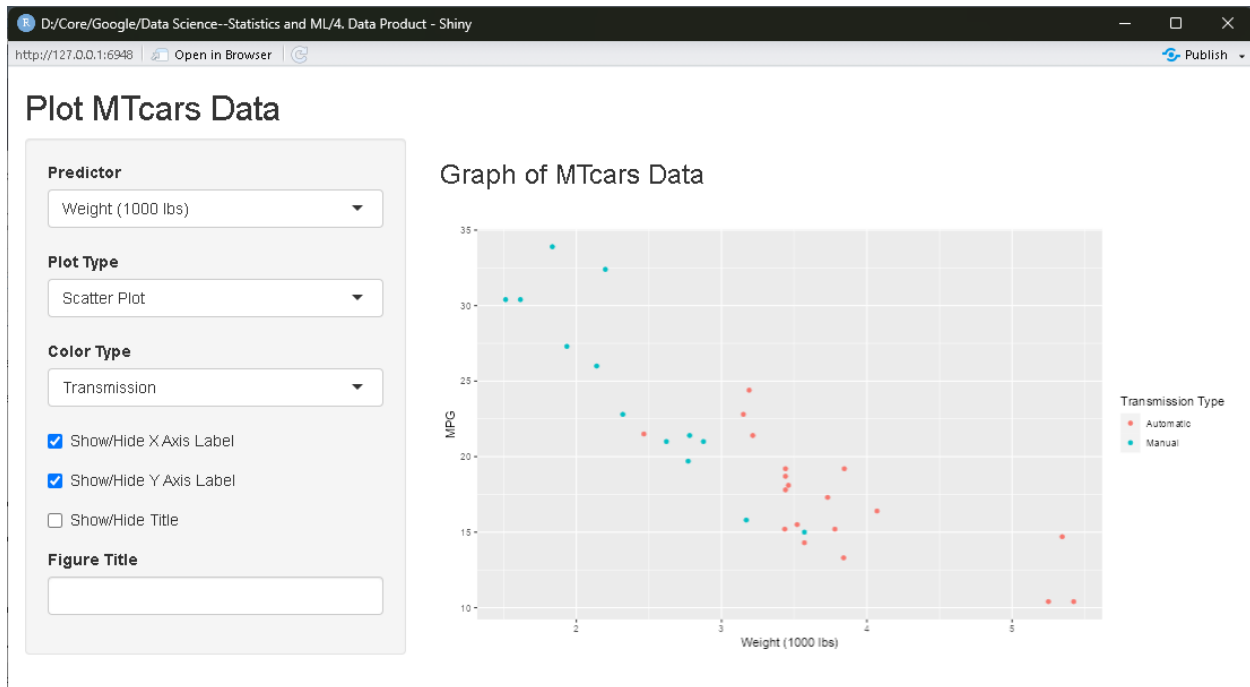


This is an app to plot mtcars data.

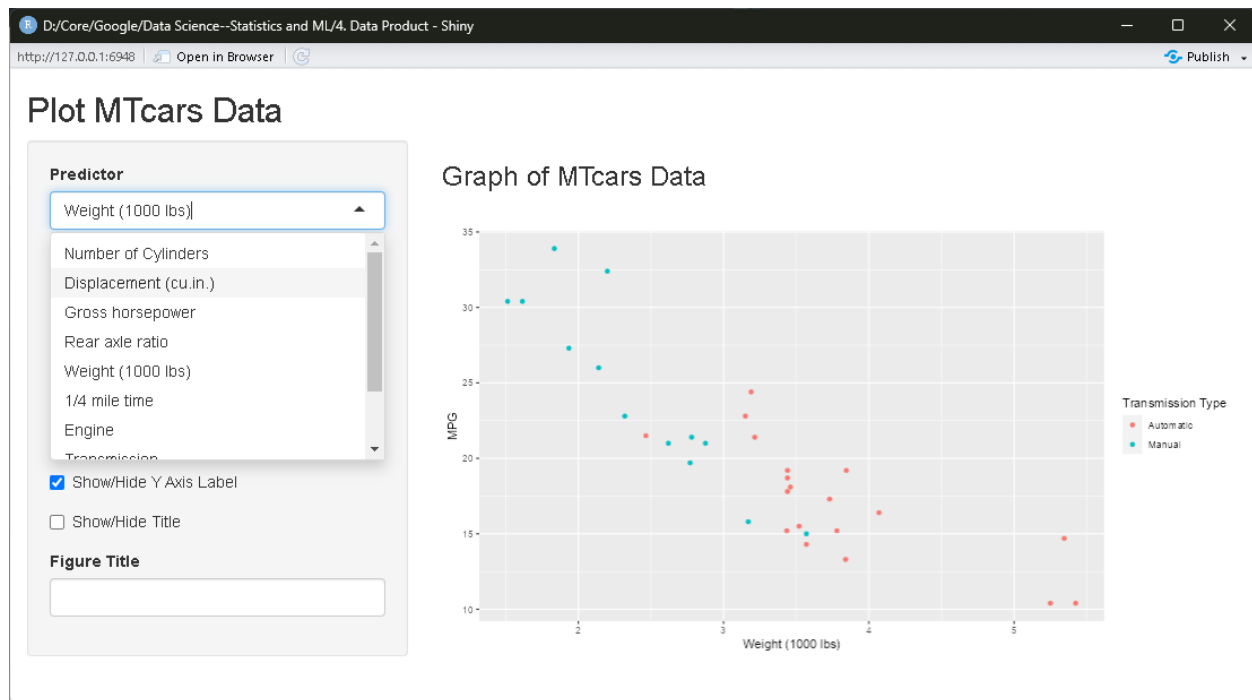
There are **three select inputs**. One is for predictor, which works as the x axis on the plot. One is plot type, which allows user to choose “Scatter Plot” or “Box plot”. The third one is “Color Type”, which can be used as factor to color scatter plots.

There are **three check boxes** to show/hid x label, y label and figure title.

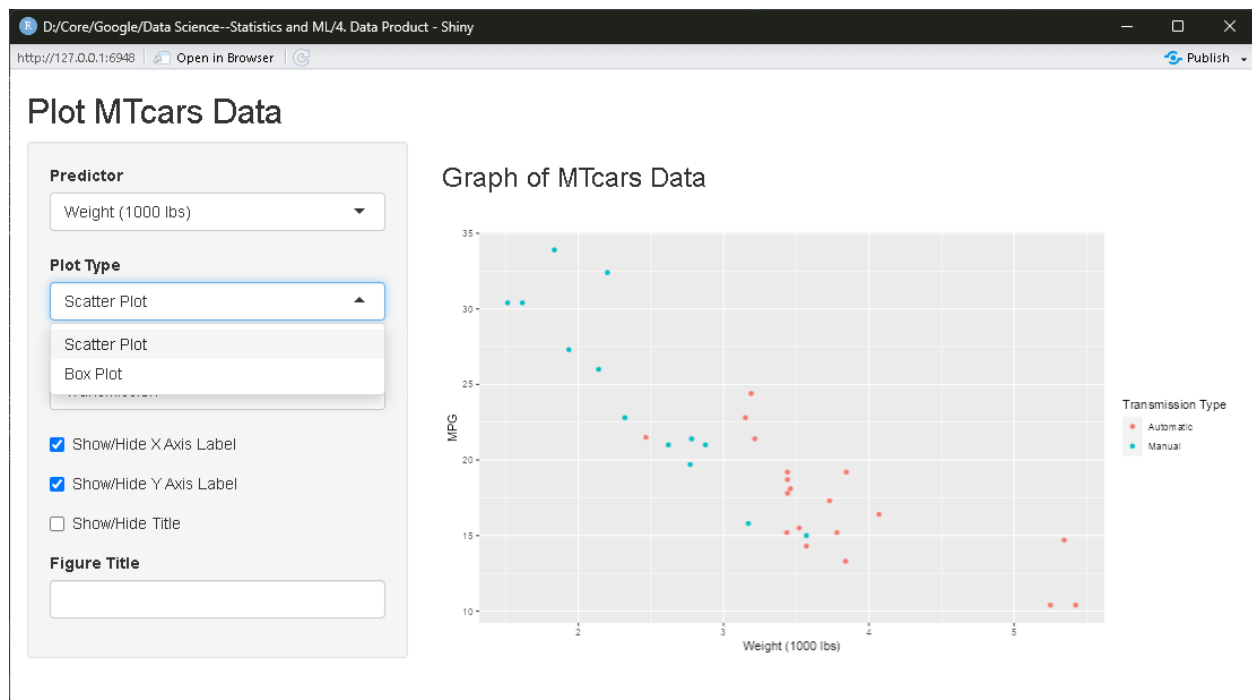
**One text input** allows user to enter the figure title.



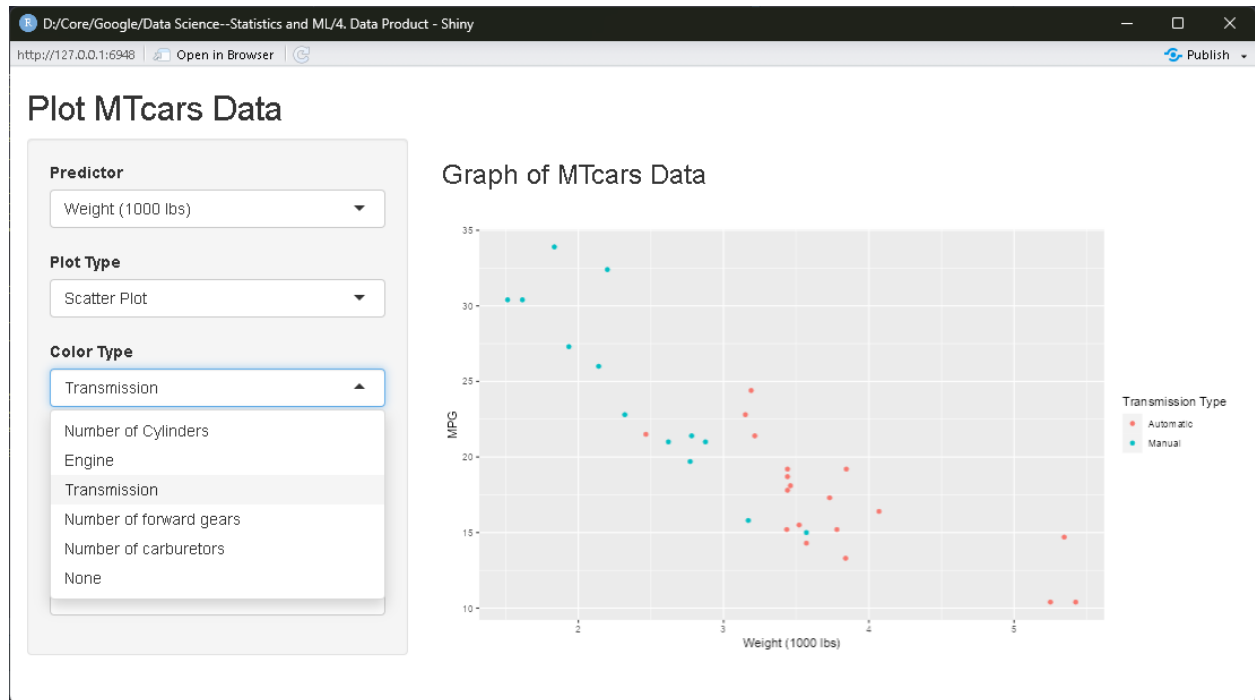
For “**Predictor**”, the options are 'Number of Cylinders', 'Displacement (cu.in.)', 'Gross horsepower', 'Rear axle ratio', 'Weight (1000 lbs)', '1/4 mile time', 'Engine', 'Transmission', 'Number of forward gears', 'Number of carburetors'.



There are two types of plots in “**Plot Type**”, “Scatter Plot” and “Box Plot”.

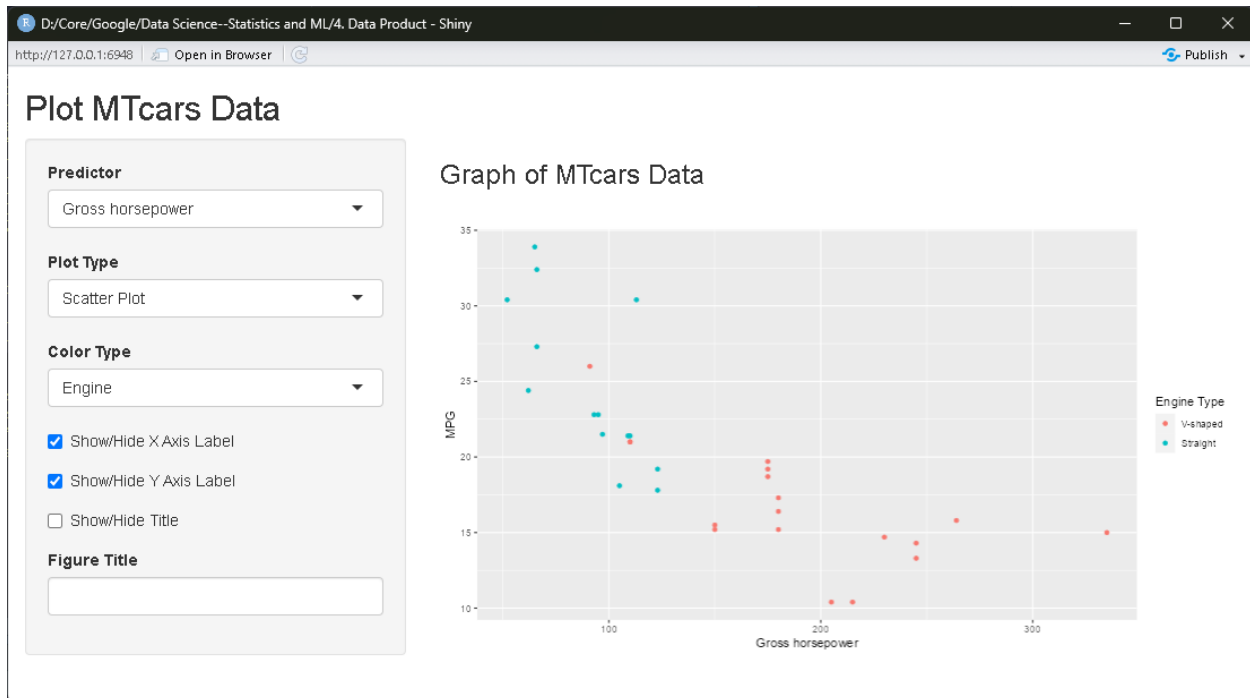


“**Color Type**” can be 'Number of Cylinders', 'Engine', 'Transmission', 'Number of forward gears', 'Number of carburetors', 'None'.

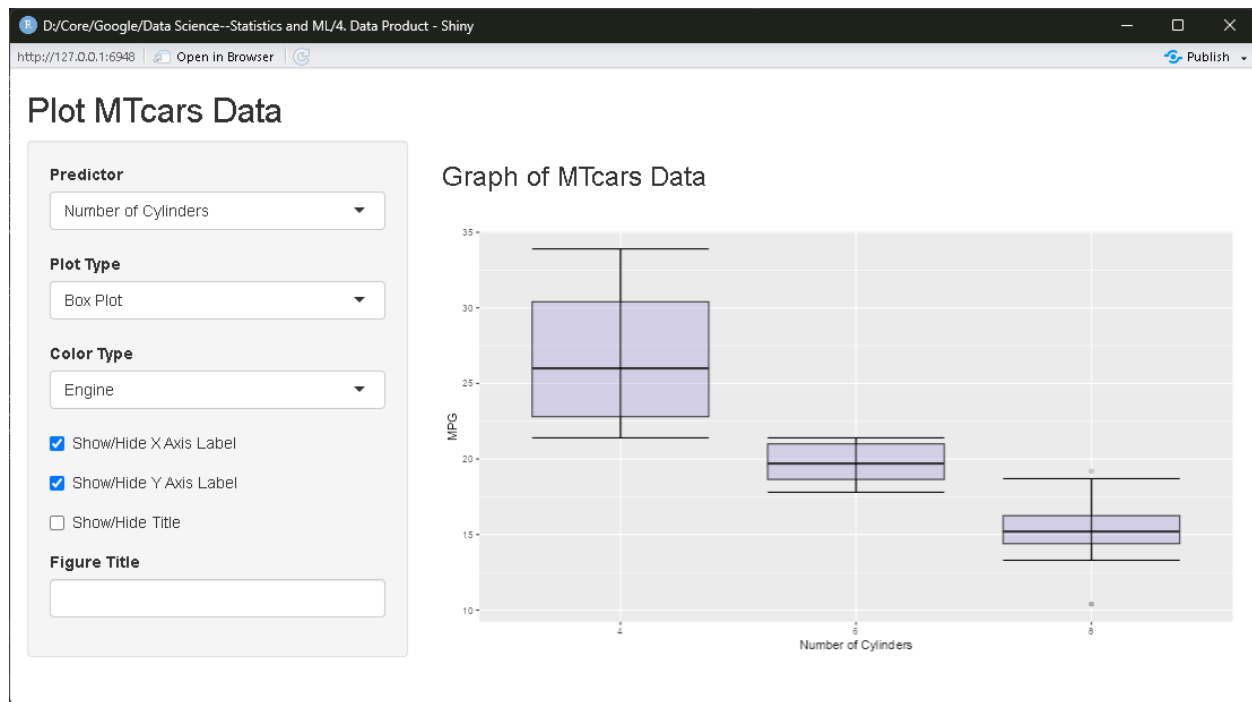


The default plot is “**scatter plot**” using “**Weight (1000 lbs)**” as predictor and MPG as outcome and “**Transmission**” as color type. The “**X label**” and “**Y label**” are shown, but no “**figure title**”.

Let’s change “**Predictor**” to “**Horsepower**” and “**color Type**” to “**Engine**”.



Next, change “**Predictor**” to “**Number of Cylinders**” and “**Plot Type**” to “**Box Plot**”. For “**Box Plot**”, the “**Color Type**” doesn’t affect the plots.



Next, add “**Figure Title**” and check “**Show/Hide Title**”

