Diamond Estimator

Objective:

Estimate the price (in US dollars) for the diamond with characteristics provided by the users. The estimation model is based on linear regression of the available diamonds dataset.

Output:

Estimated price & bar graph of the regression coefficients

Dataset: diamonds (data.R)

Variables:

Price (dependent variable)	Price in US dollars
Carat	Weight of the diamond
Cut	Quality of the cut (Fair is used as the base)
Length	Length in mm

Steps:

1. Input the characteristics of the diamond (carat, cut and length)
2. Click "Submit button

Carat (range: 0.2 to 5):

2

Cut
- ⦿ Fair
- ○ Good
- ○ Very Good
- ○ Premium
- ○ Ideal

Length(mm):

0.5 2 10.5

0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10.5

Submit