

STA 210: Lab 3

Name

Date

Question 1

Question 2

a

b

Question 3

Question 4

a

b

Question 5

a

b

c

Question 6

```
glance(model1)
```

Question 7

a

b

c

Question 8

a

b

c

d

e

Question 9

```
newcarat <- 0.75
```

```
newdata=data.frame(carat=newcarat,carat2=newcarat^2)
```

#Note: the variable name(s) in the data frame must match the variable name(s) in the model

```
predict.lm(model2,newdata)
```