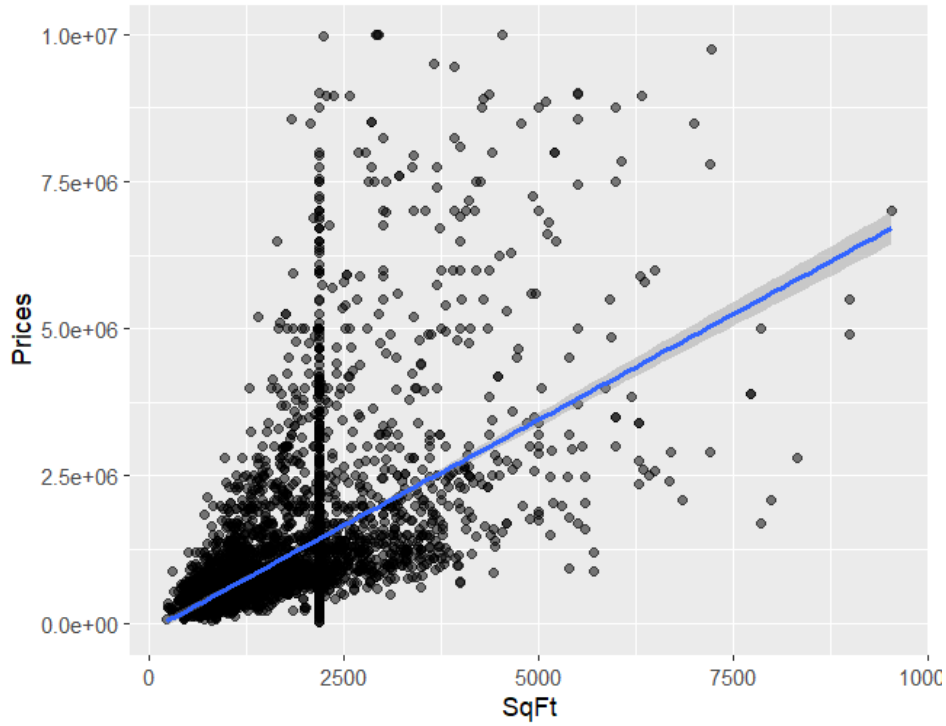
Model 1:

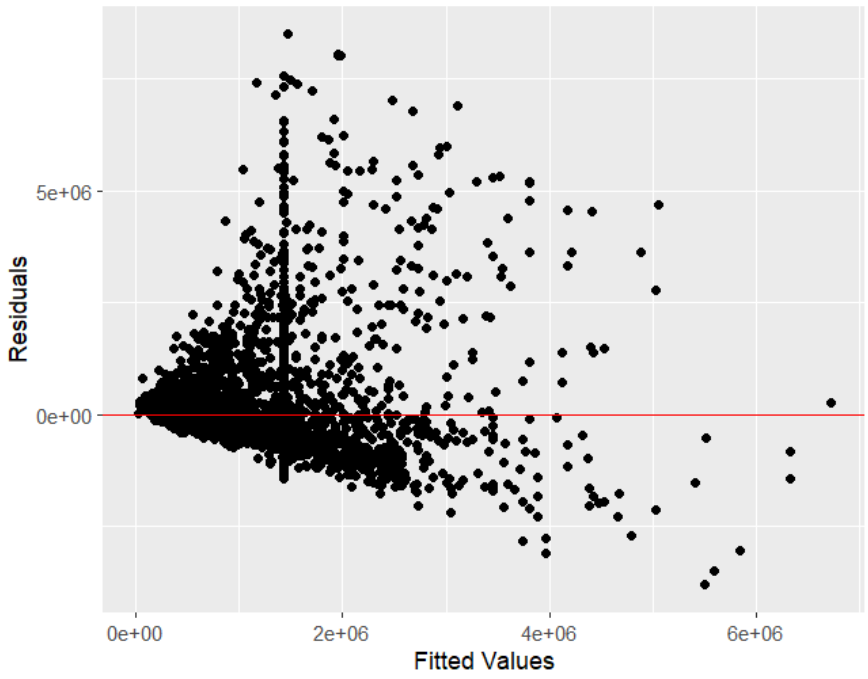
Summary:

```
Call:
lm(formula = Prices ~ SqFt, data = Dataset)

Residuals:
     Min       1Q   Median       3Q      Max
-3799782  -657021  -191924   210395  8504620

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept) -138365.61   39403.51  -3.512  0.00045 ***
SqFt            717.87      18.42  38.974  < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 1209000 on 4530 degrees of freedom
Multiple R-squared:  0.2511,    Adjusted R-squared:  0.2509
F-statistic:  1519 on 1 and 4530 DF,  p-value: < 2.2e-16
```

Best fit line:



Residual Scatter Plot:

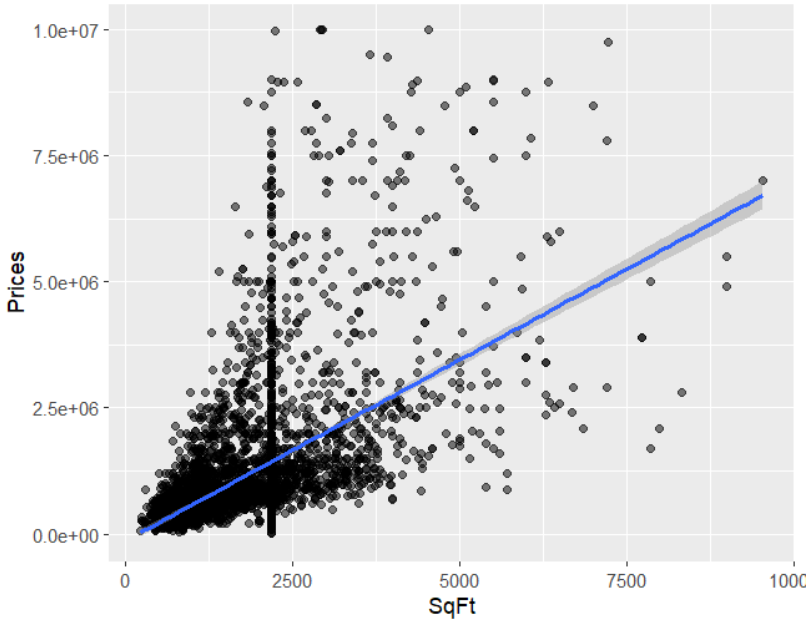



Model 2:

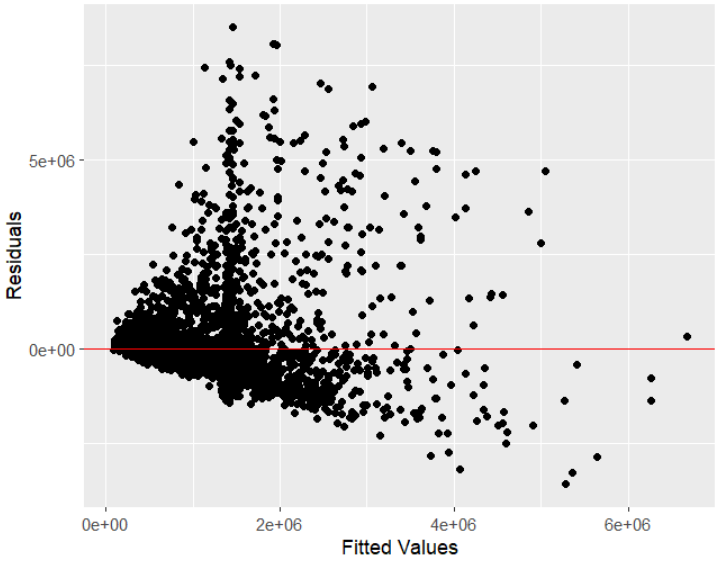
Summary:

```
Call:
lm(formula = Prices ~ SqFt + Beds, data = Dataset)

Residuals:
     Min       1Q   Median       3Q      Max
-3575048  -661732  -197976   197651  8518915

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept) -191187.17   42624.14  -4.485 7.46e-06 ***
SqFt            680.38      21.75  31.275  < 2e-16 ***
Beds          40848.10   12645.84   3.230  0.00125 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 1208000 on 4529 degrees of freedom
Multiple R-squared:  0.2528,    Adjusted R-squared:  0.2525
F-statistic: 766.3 on 2 and 4529 DF,  p-value: < 2.2e-16
```

Best fit line:




Residual Scatter Plot:



Model 3:

Summary:

Call:
lm(formula = Prices ~ SqFt + Beds + Baths, data = Dataset)

Residuals:

| Min | 1Q | Median | 3Q | Max |
|---|---|---|---|---|
| -5084209 | -569764 | -189650 | 211191 | 8137193 |

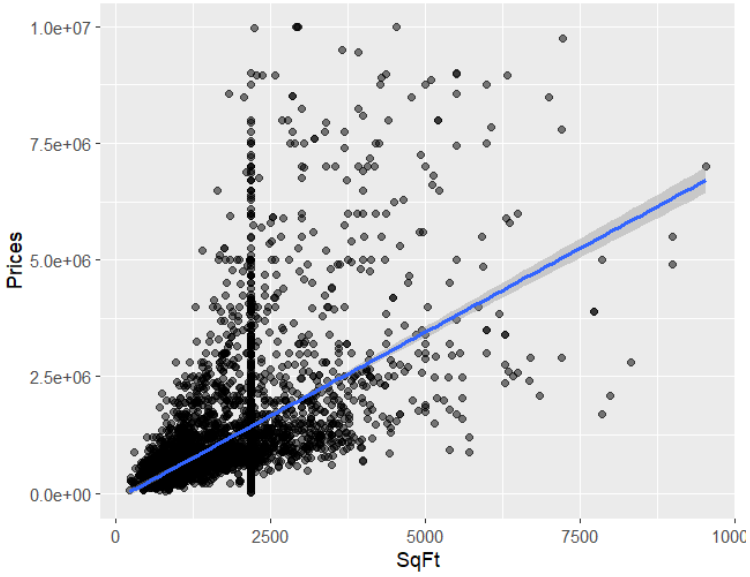
Coefficients:

| | Estimate | Std. Error | t value | Pr(>\|t\|) | |
|---|---|---|---|---|---|
| (Intercept) | -334280.55 | 40545.26 | -8.245 | <2e-16 | *** |
| SqFt | 488.88 | 21.95 | 22.274 | <2e-16 | *** |
| Beds | -148917.52 | 14250.33 | -10.450 | <2e-16 | *** |
| Baths | 507754.85 | 20974.60 | 24.208 | <2e-16 | *** |

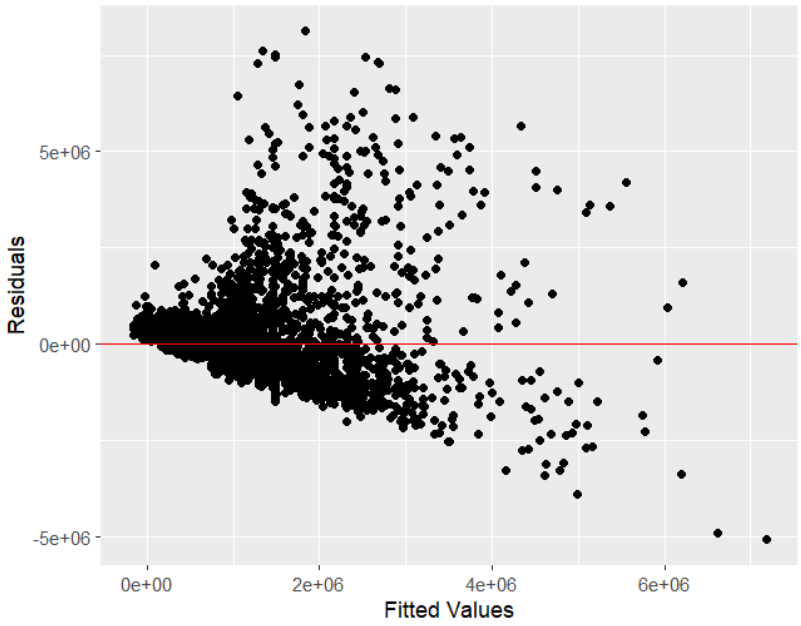
---
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 1137000 on 4528 degrees of freedom
Multiple R-squared: 0.3385, Adjusted R-squared: 0.338
F-statistic: 772.2 on 3 and 4528 DF, p-value: < 2.2e-16

Best fit line:




Residual scatterplot:


Residuals
5e+06
0e+00
-5e+06
0e+00
2e+06
4e+06
6e+06
Fitted Values