Variables:
\[ Y = \text{Sales price} \]
\[ X_1 = \text{Finished square feet} \]
\[ X_2 = 1 \text{ if air conditioning, 0 if no air conditioning} \]
\[ X_3 = 1 \text{ for high quality, 2 for medium quality, 3 for low quality construction} \]
> HouseFit=lm(Salesprice ~ SquareFt+ AC+ Quality,data=HouseData)
> summary(HouseFit)

Call:
lm(formula = Salesprice ~ SquareFt + AC + Quality, data = HouseData)

Residuals:
   Min      1Q  Median      3Q     Max
-196418  -44240   -3341   34233  373439

Coefficients:
                      Estimate Std. Error   t value  Pr(>|t|)
(Intercept) 209665.424  29301.136     7.156 2.86e-12 ***
SquareFt       109.666     6.048     18.134 < 2e-16 ***
AC           -6150.777      9056.362    -0.679   0.497
Quality     -79935.181   7095.093    -11.266 < 2e-16 ***

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

Residual standard error: 70490 on 518 degrees of freedom
Multiple R-Squared: 0.7403, Adjusted R-squared: 0.7388
F-statistic: 492.2 on 3 and 518 DF,  p-value: < 2.2e-16
Scatterplot of Sales price vs Square Ft
Residuals Versus the Fitted Values
(response is Sales price)