```
> data_frame <- read.csv(file = 'sector_merged.csv')
> dataset <- data_frame[ , c("sector", "FCF_CHANGE", "Pct_Change_Price")]
> print(head(dataset))
      sector FCF_CHANGE Pct_Change_Price
1 Technology   Increase     -0.255696499
2 Technology   Increase     -0.052241050
3 Technology   Decrease     -0.005643614
4 Technology   Increase      0.322512246
5 Technology   Increase      0.115325950
6 Technology   Increase     -0.141441806
> model <- lm(Pct_Change_Price ~ sector + FCF_CHANGE, data = dataset)
> summary(model)

Call:
lm(formula = Pct_Change_Price ~ sector + FCF_CHANGE, data = dataset)

Residuals:
    Min      1Q  Median      3Q     Max
-0.7072 -0.1171 -0.0282  0.0678  4.1718

Coefficients:
                            Estimate Std. Error t value Pr(>|t|)
(Intercept)                -0.25779    0.10661  -2.418  0.01606 *
sectorCommunication Services  0.24943    0.13925   1.791  0.07402 .
sectorConsumer Cyclical       0.28499    0.12236   2.329  0.02036 *
sectorConsumer Defensive      0.32093    0.23240   1.381  0.16809
sectorEnergy                  0.46162    0.27467   1.681  0.09363 .
sectorFinancial Services      0.30984    0.11097   2.792  0.00549 **
sectorHealthcare              0.15957    0.11180   1.427  0.15428
sectorIndustrials             0.25621    0.11632   2.203  0.02819 *
sectorReal Estate             0.25202    0.10908   2.310  0.02138 *
sectorTechnology              0.08147    0.13260   0.614  0.53929
FCF_CHANGEIncrease            0.05744    0.03655   1.571  0.11688
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.3595 on 396 degrees of freedom
Multiple R-squared:  0.04625, Adjusted R-squared:  0.02216
F-statistic:  1.92 on 10 and 396 DF,  p-value: 0.04104

>
```