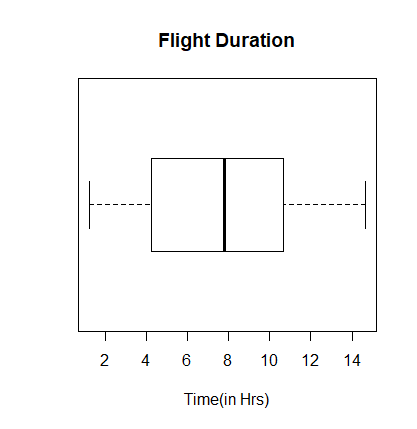
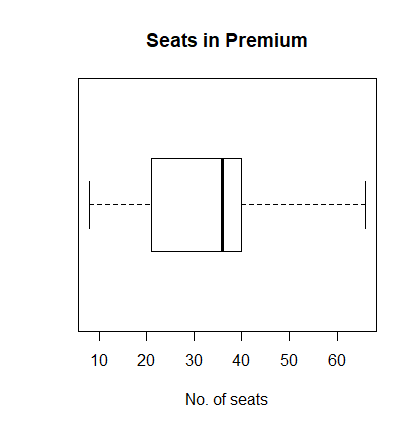
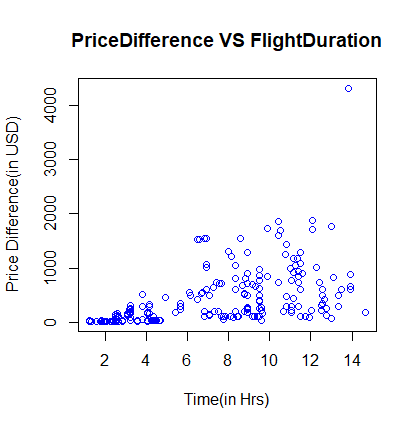
**Coding Outputs**

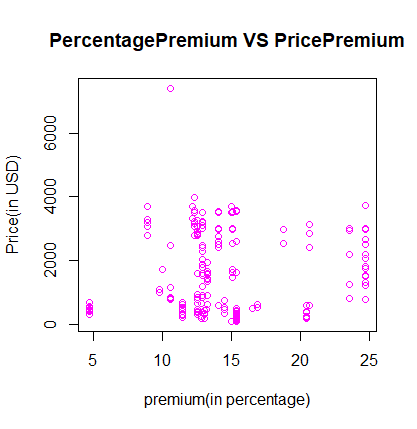
**Graphical Outputs:-**

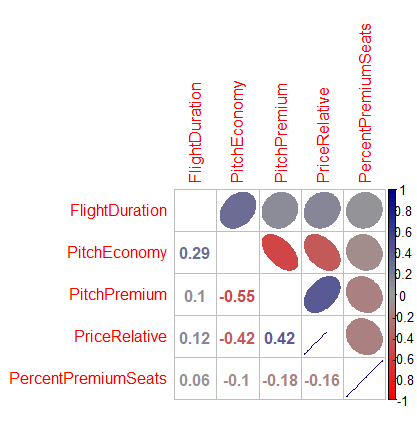
1.

2. 

3. 

3

4. 

5. 

**Regression Model Output:-**

RelativePrice = 0.037\*(FlightDuration)-0.366\*(PitchEconomy)-0.022\*(PrecentPremiumSeats) +11.969

Residuals:

Min 1Q Median 3Q Max

-0.84447 -0.27098 -0.09805 0.21059 1.36285

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) **11.963876** 0.887327 13.483 **< 2e-16** \*\*\*

FlightDuration **0.037114** 0.005255 7.062 **6.18e-12** \*\*\*

PitchEconomy **-0.366420** 0.028510 -12.852 **< 2e-16** \*\*\*

PercentPremiumSeats **-0.021773** 0.003694 -5.894 **7.35e-09** \*\*\*

---

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

Residual standard error: 0.3786 on 454 degrees of freedom

Multiple R-squared: **0.2985**, Adjusted R-squared: **0.2939**

F-statistic: 64.4 on 3 and 454 DF, **p-value: < 2.2e-16**