**Exercise**

**Linear Regression**

File: grades.csv

1. Build a linear regression model for predicting final based on quiz1, quiz2 and quiz3
2. Interpret:
3. Adjusted R Square
4. Standard Error
5. *F* statistics with its sig. Value
6. Significance values associated with t-statistics of predictors (quiz1, quiz2 and quiz3)
7. Make scatter plots final versus quiz1, final versus quiz2 and final versus quiz3
8. Which scatter plot shows best relationship and why?
9. Interpret (a) in the light of 2 (d)