Education project with R: Project 1

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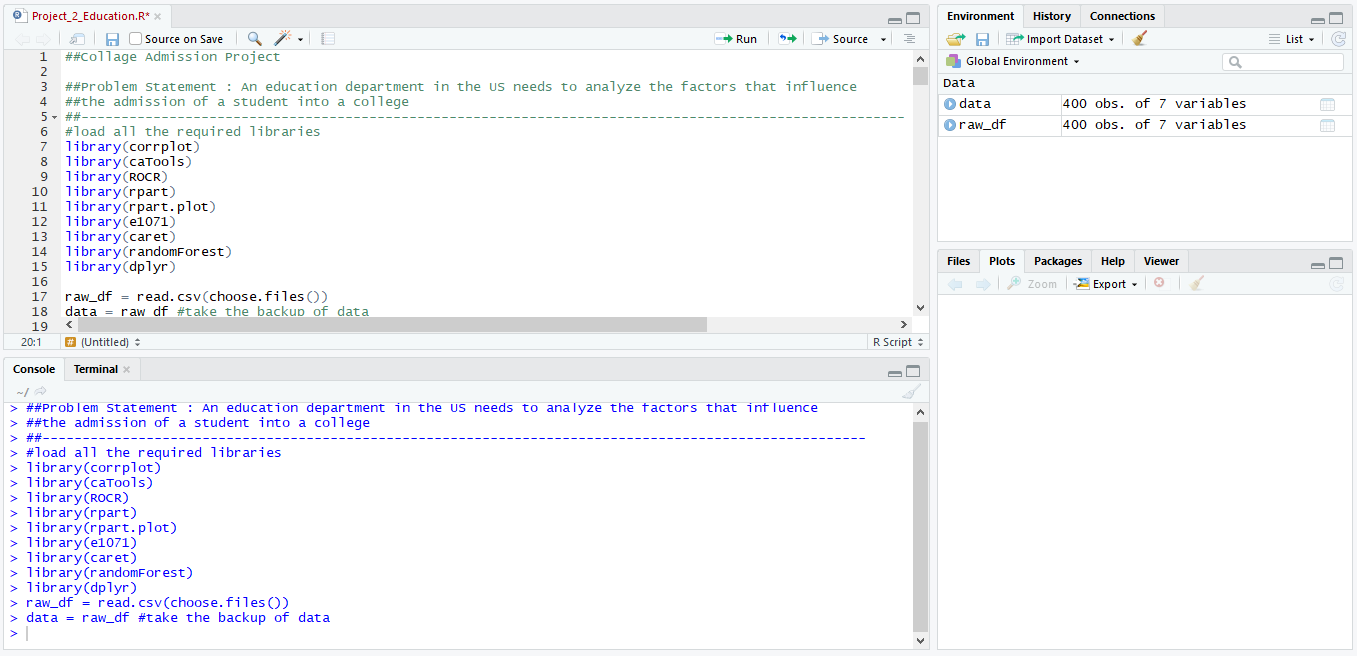
[7. Complete console output : 10](#_Toc528078039)

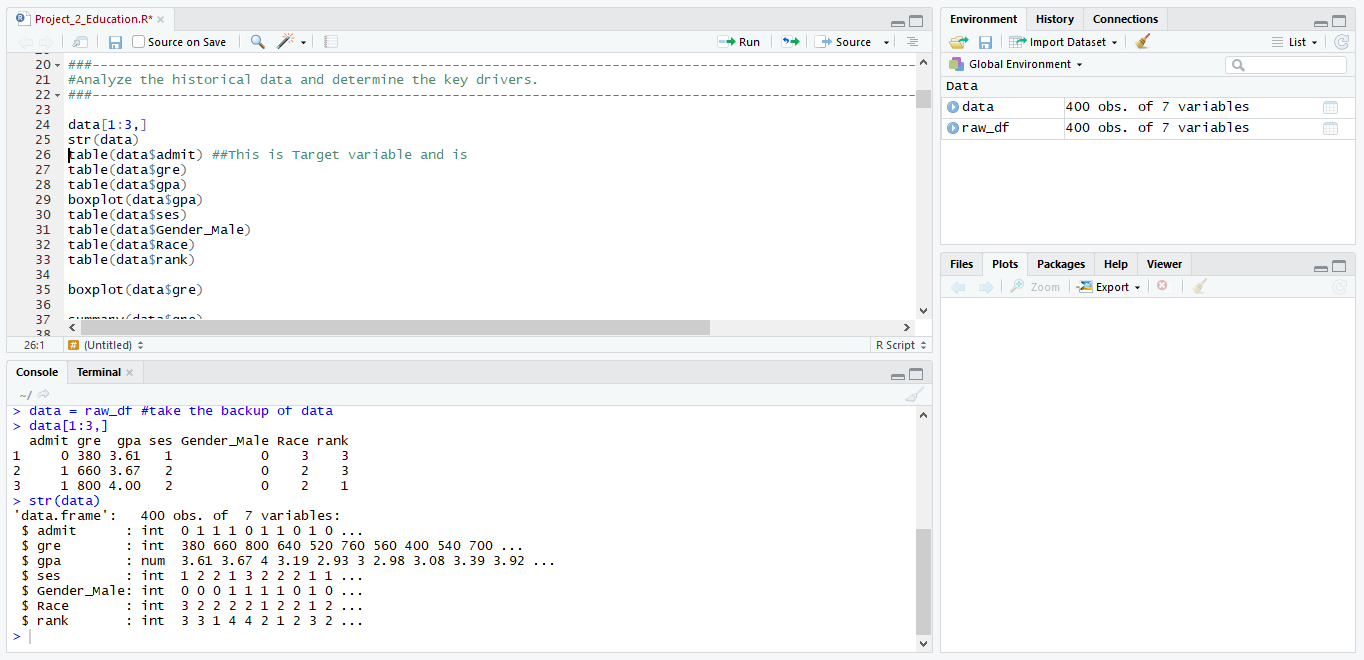
## Read the csv file :

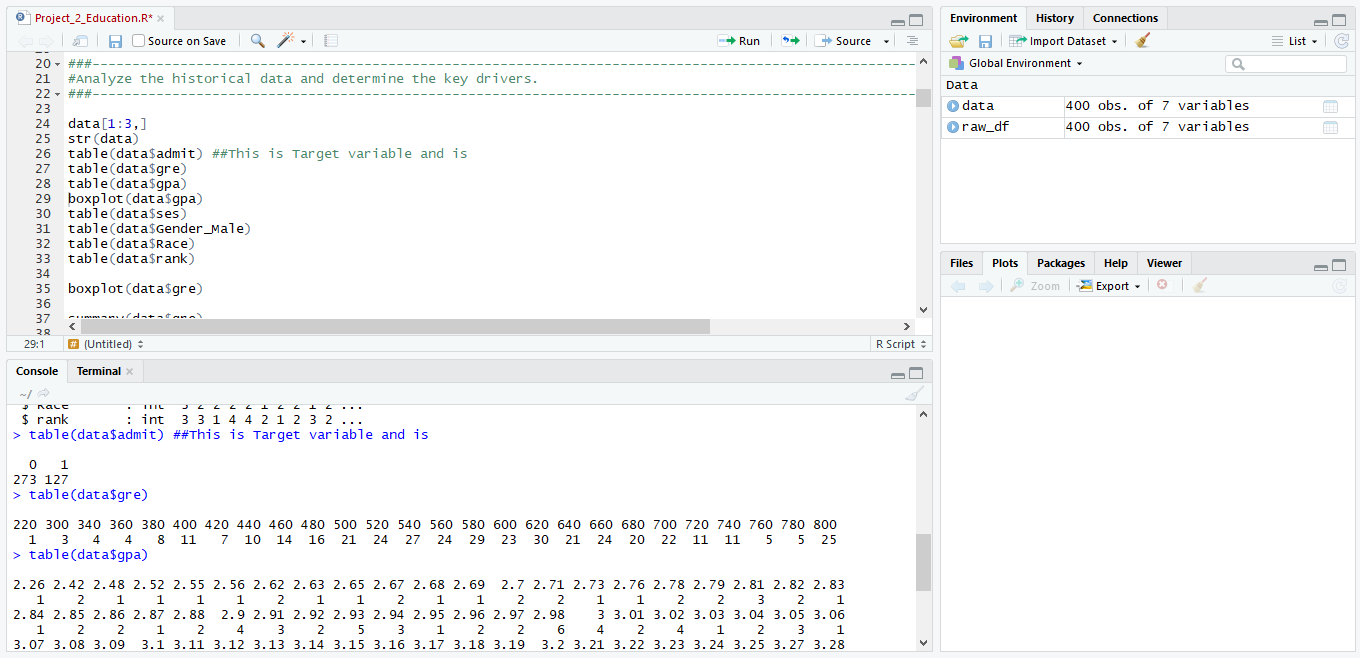
Read the file Project 1\_Dataset.csv

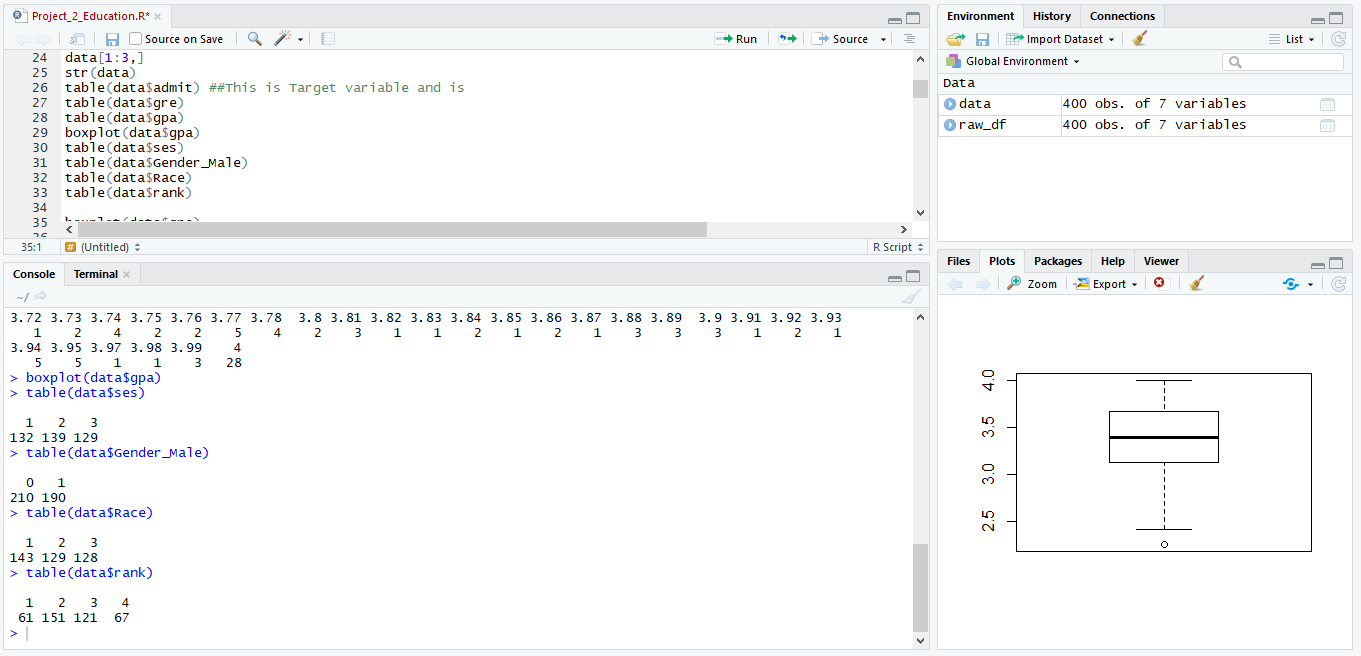
## Question 1

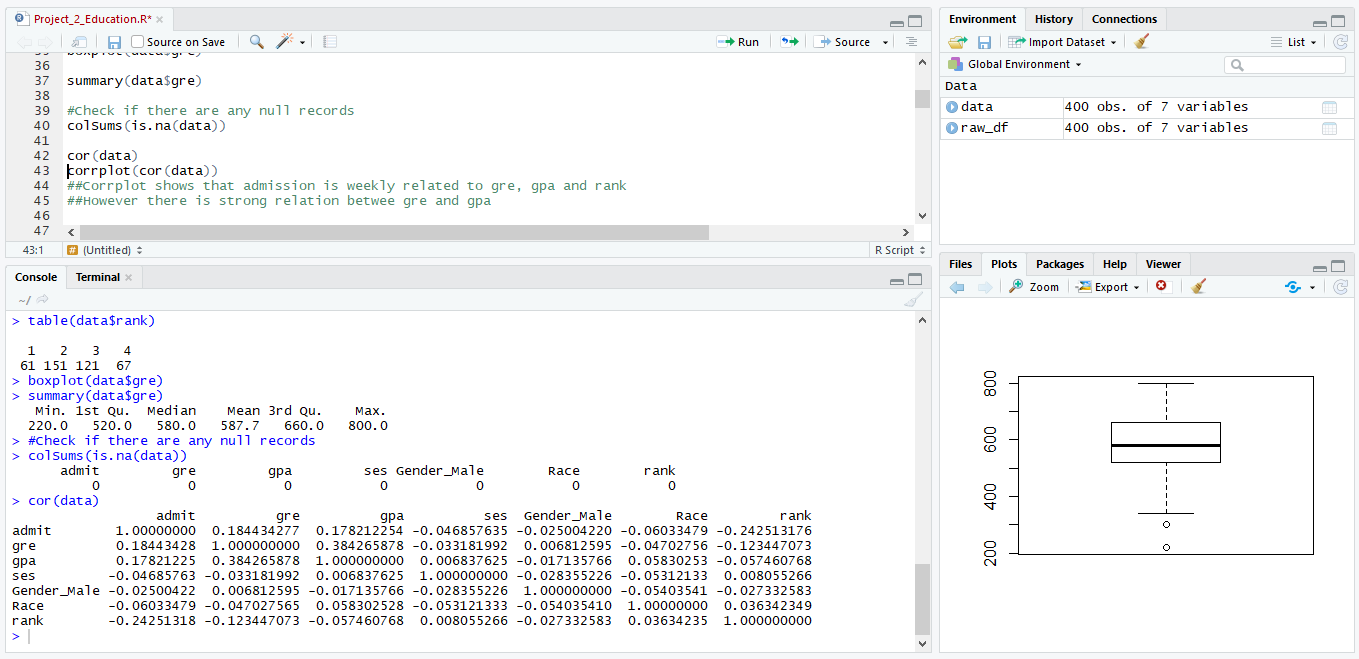
Analyze the historical data and determine the key drivers.

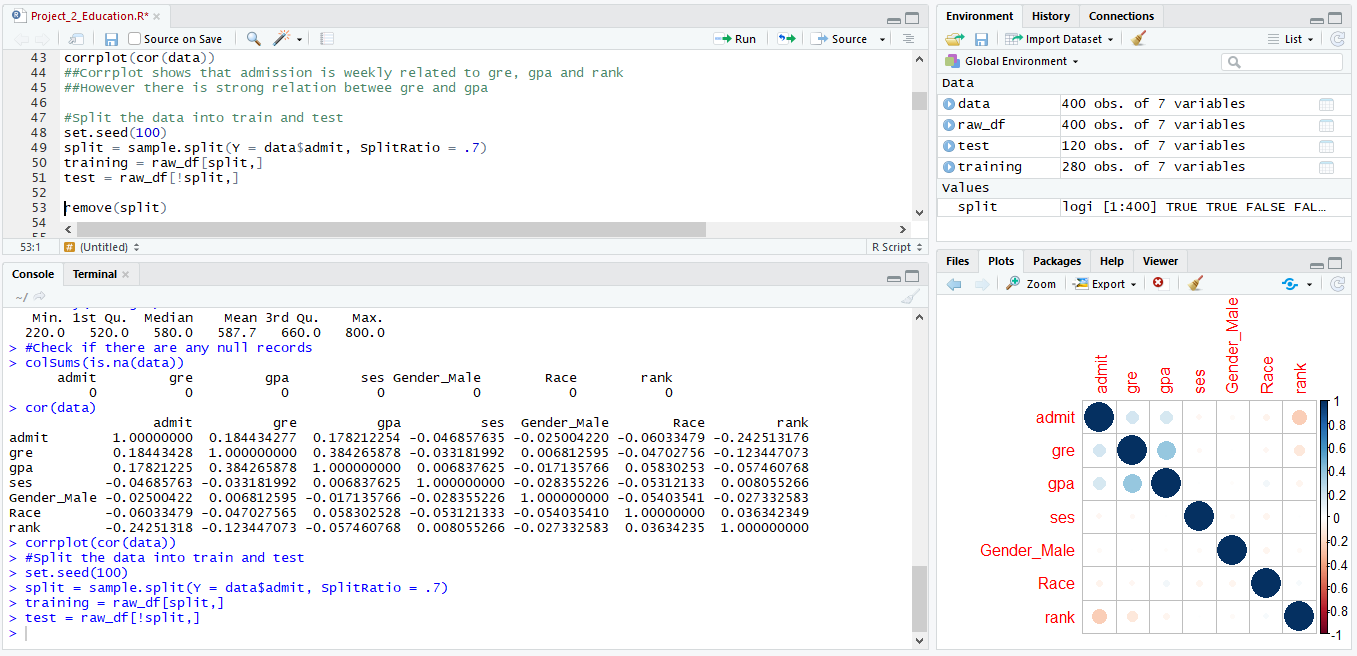






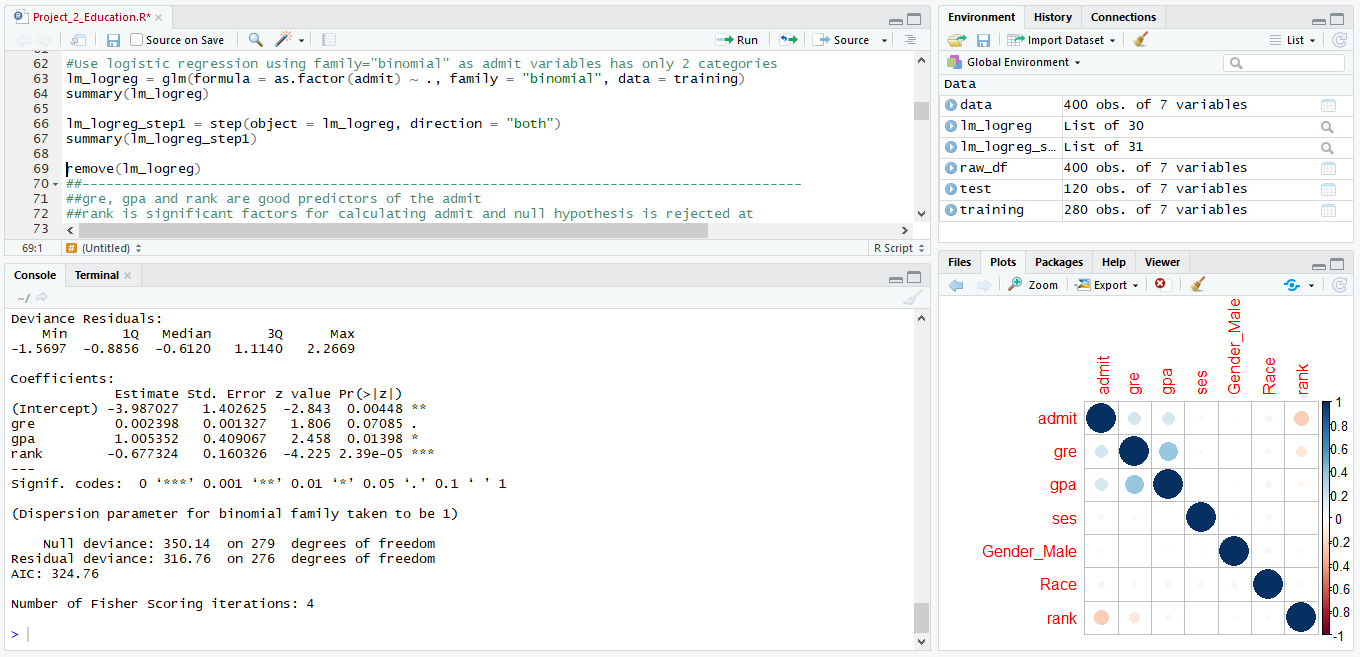


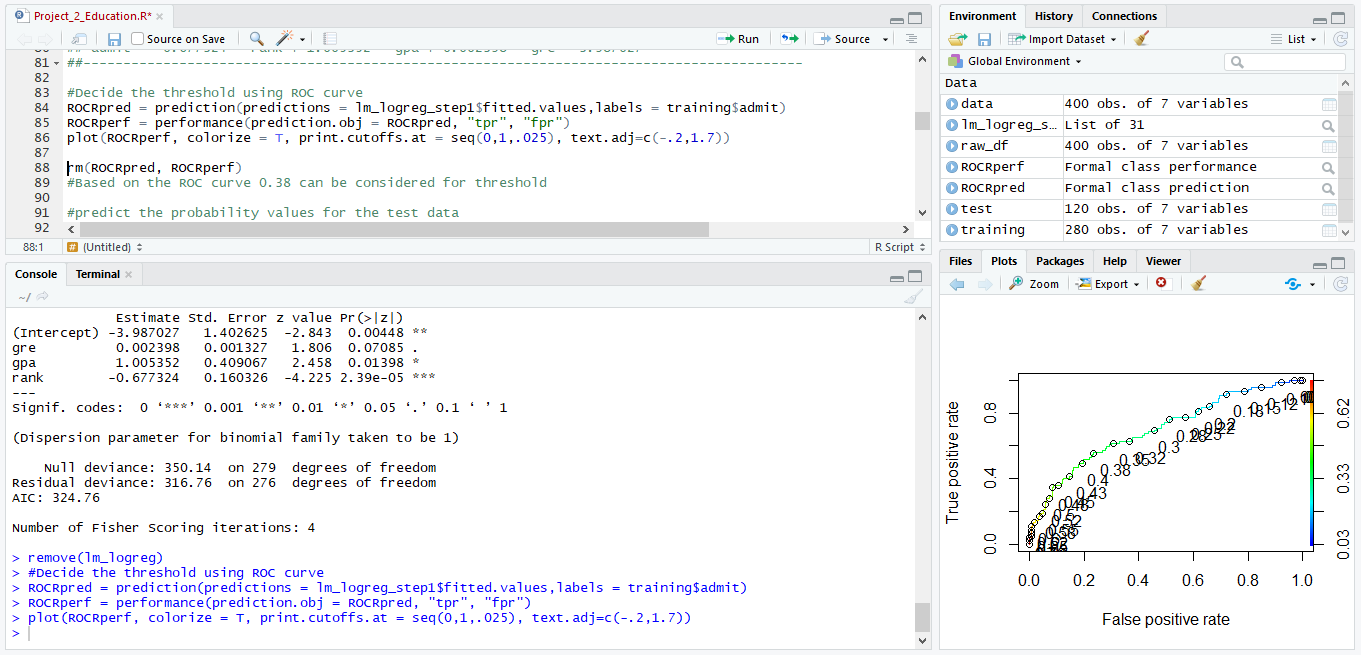


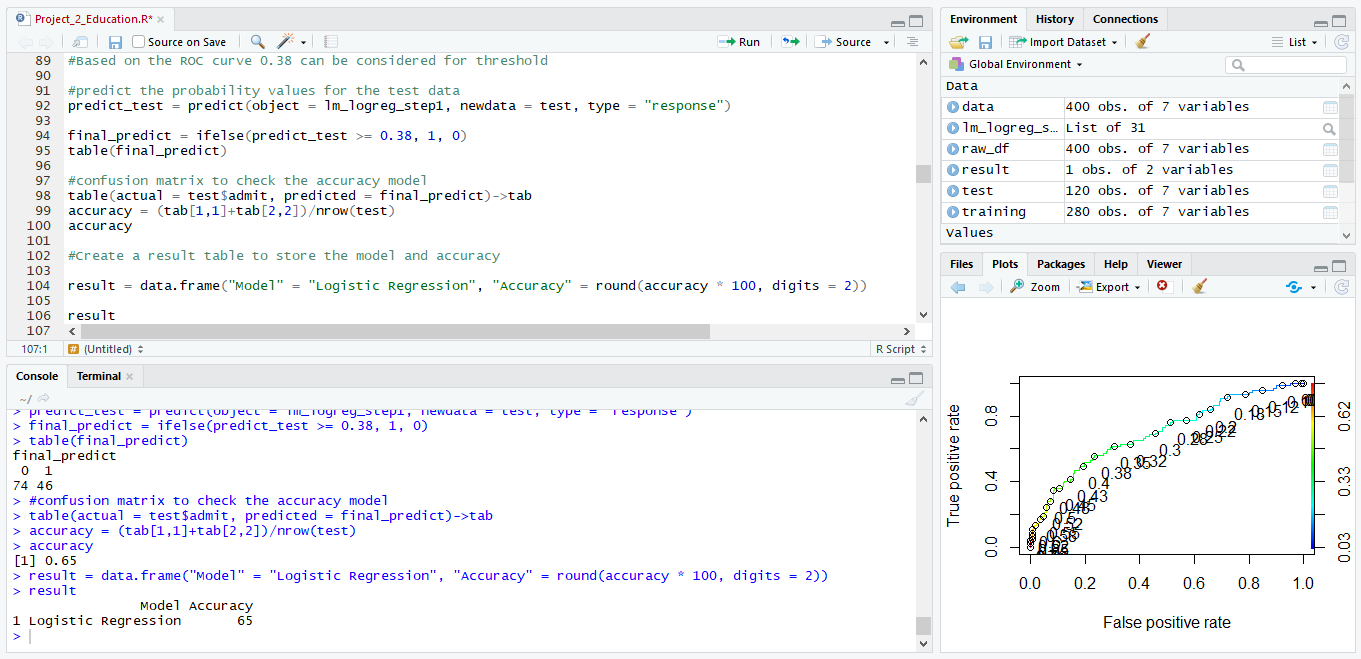


## Question 2

Run logistic model to determine the factors that influence the admission process of a student.

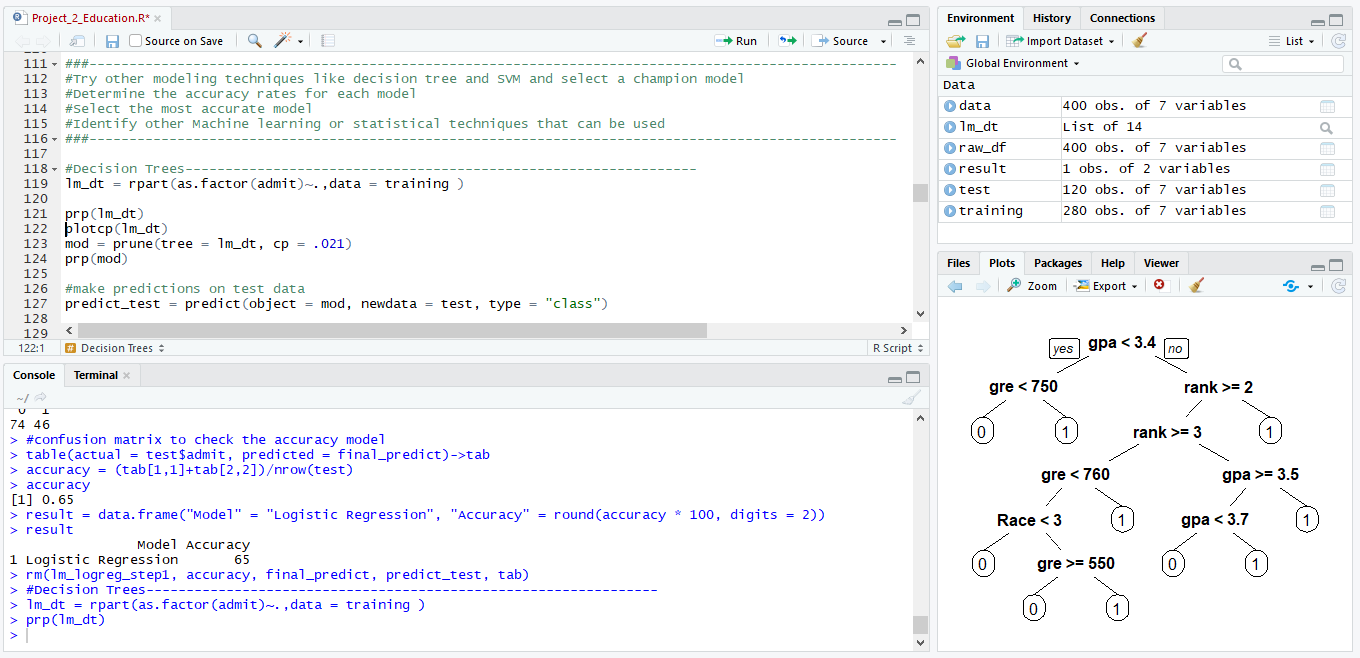


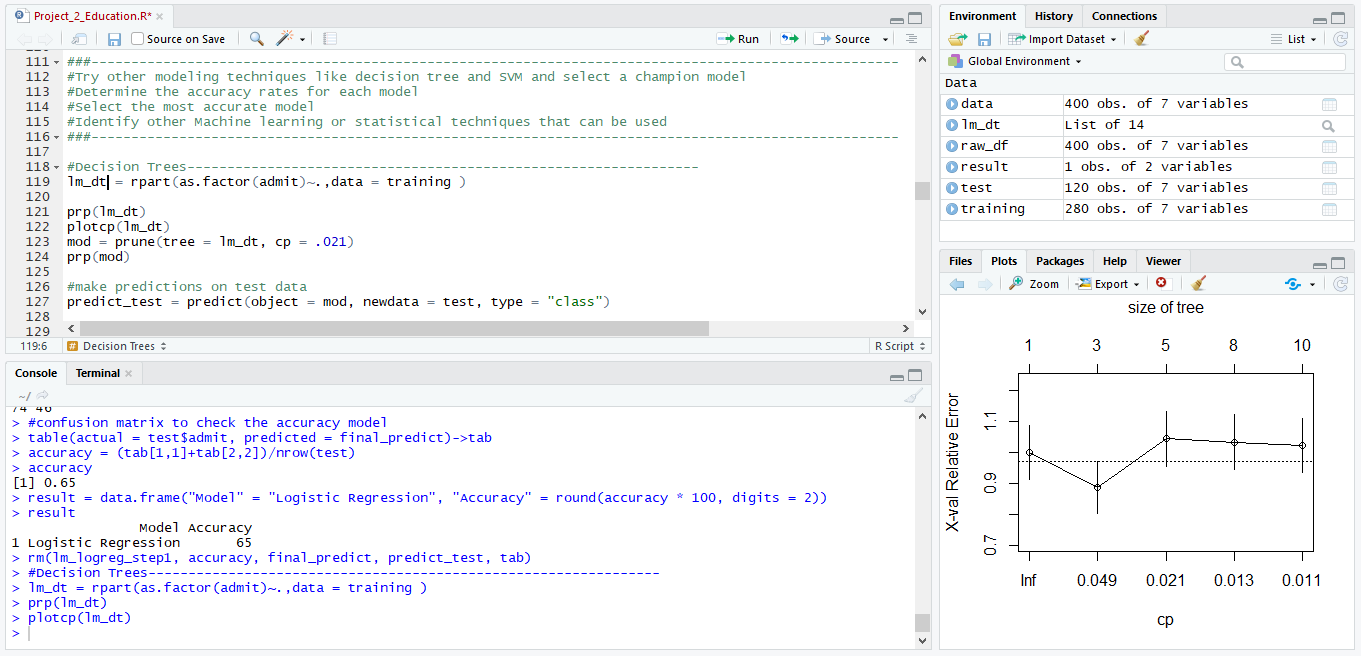


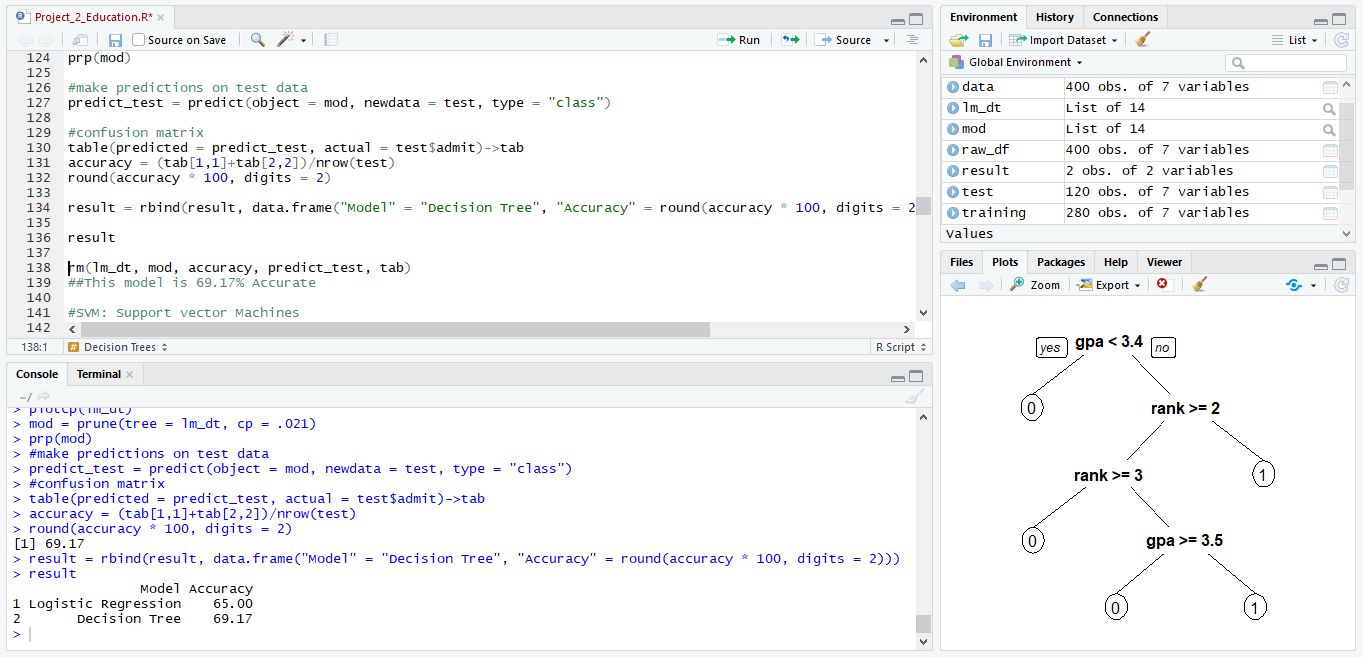


## Question 3

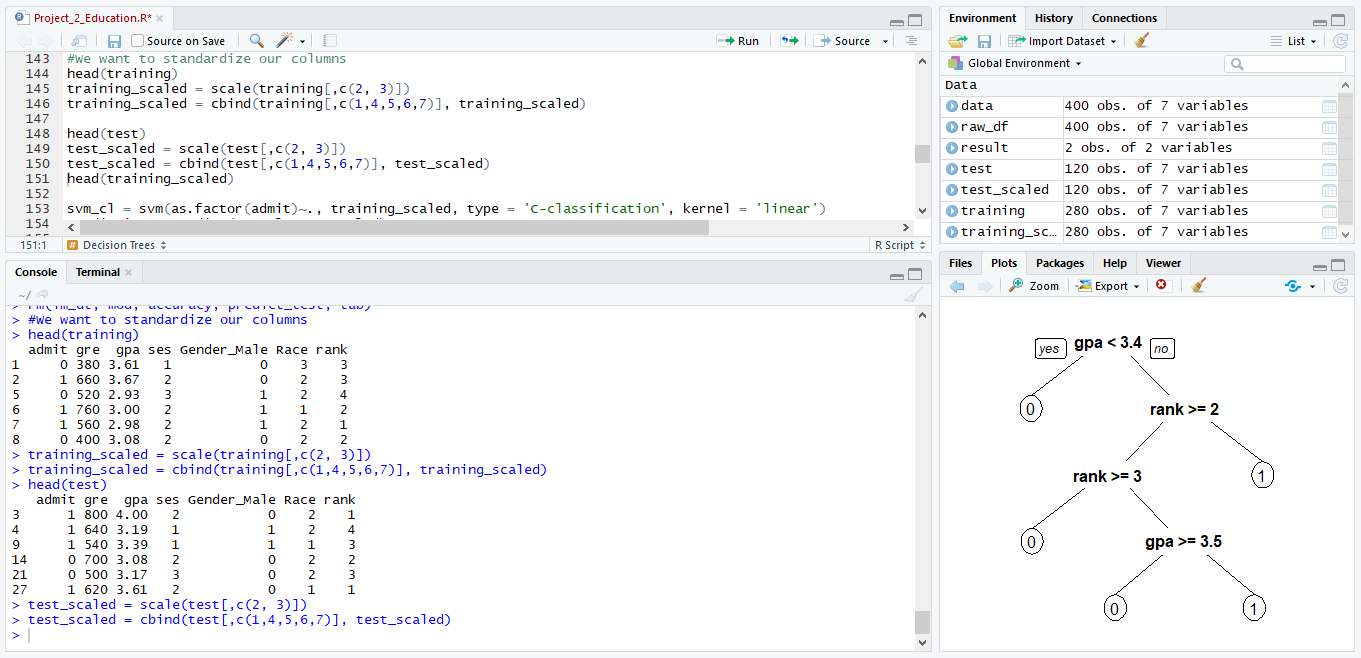
Try other modeling techniques like decision tree and SVM and select a champion model

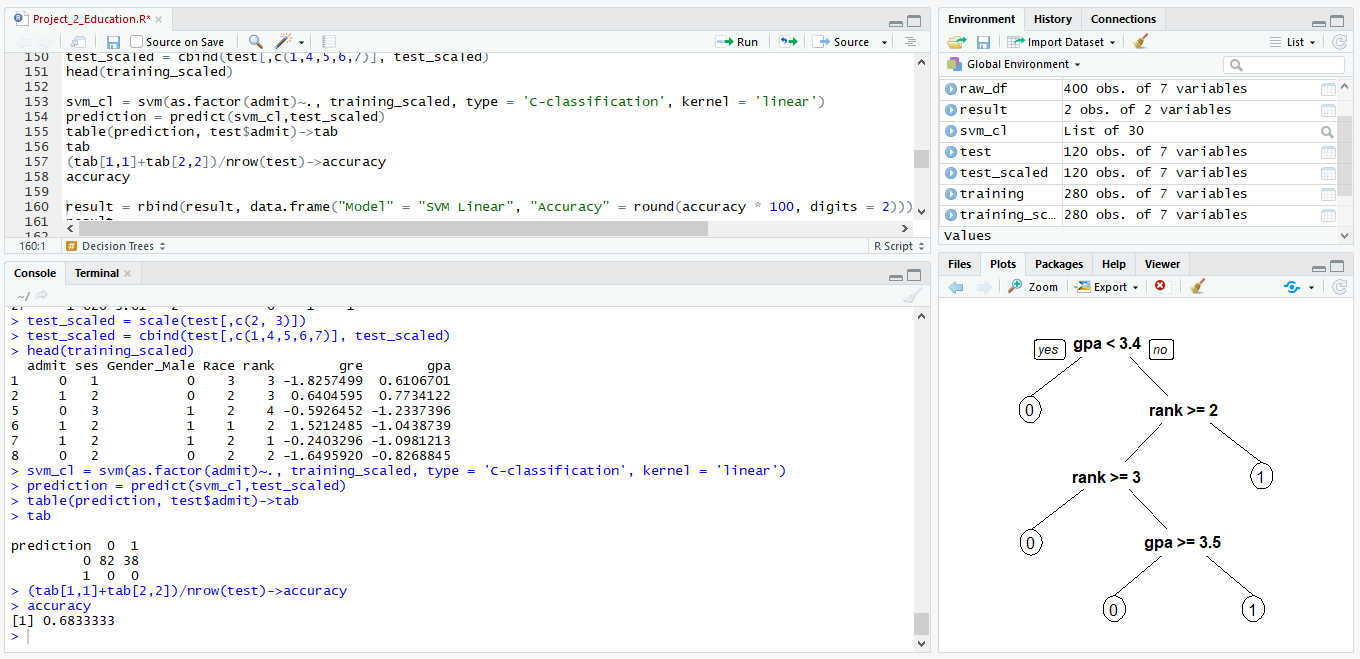


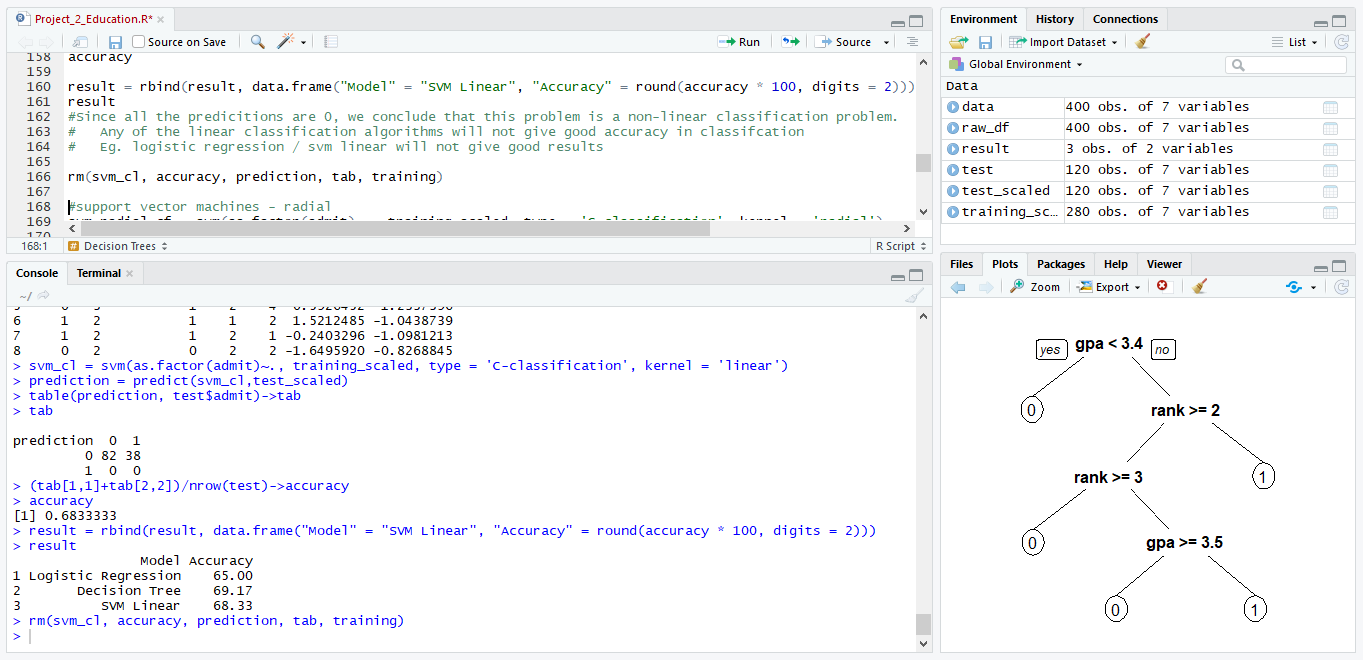




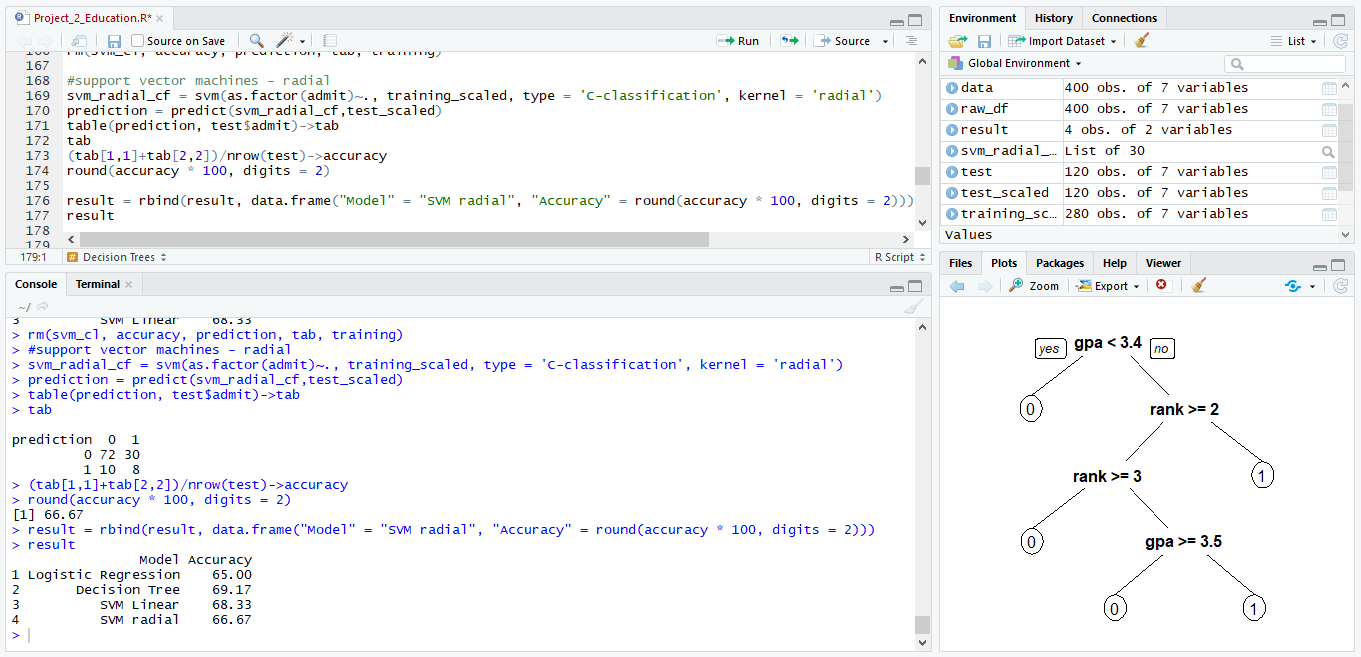
SVM: Support vector Machines



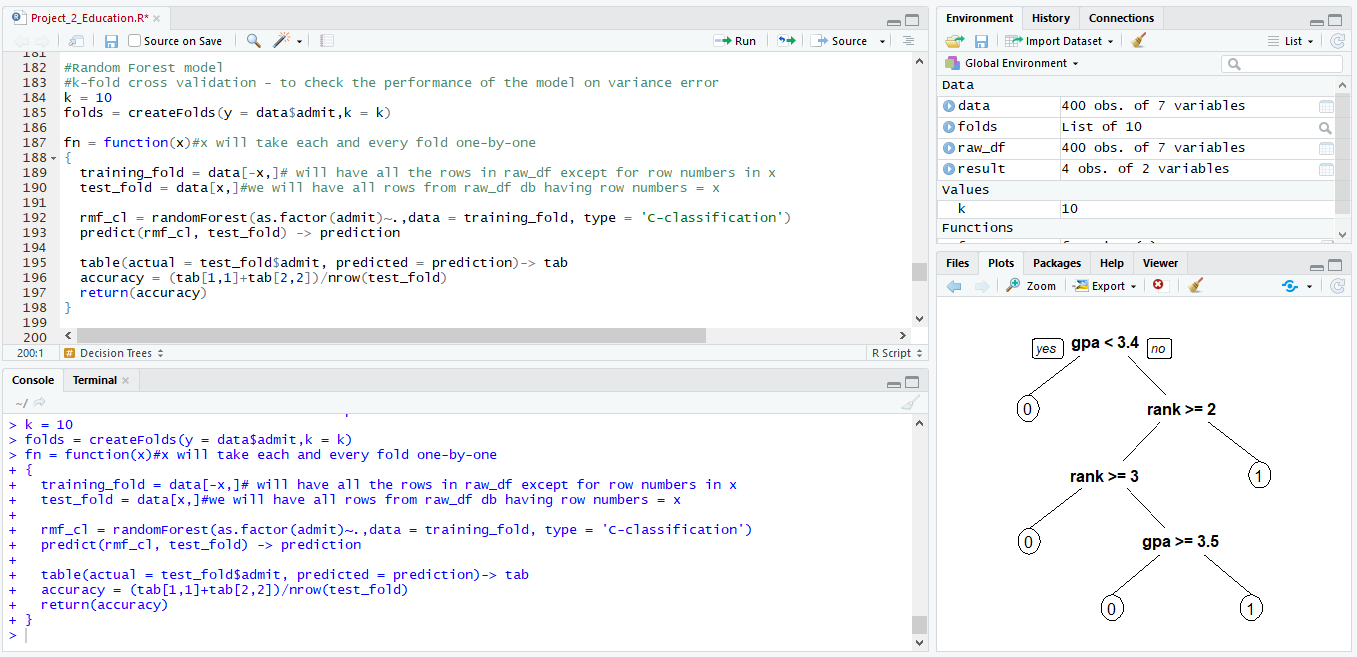


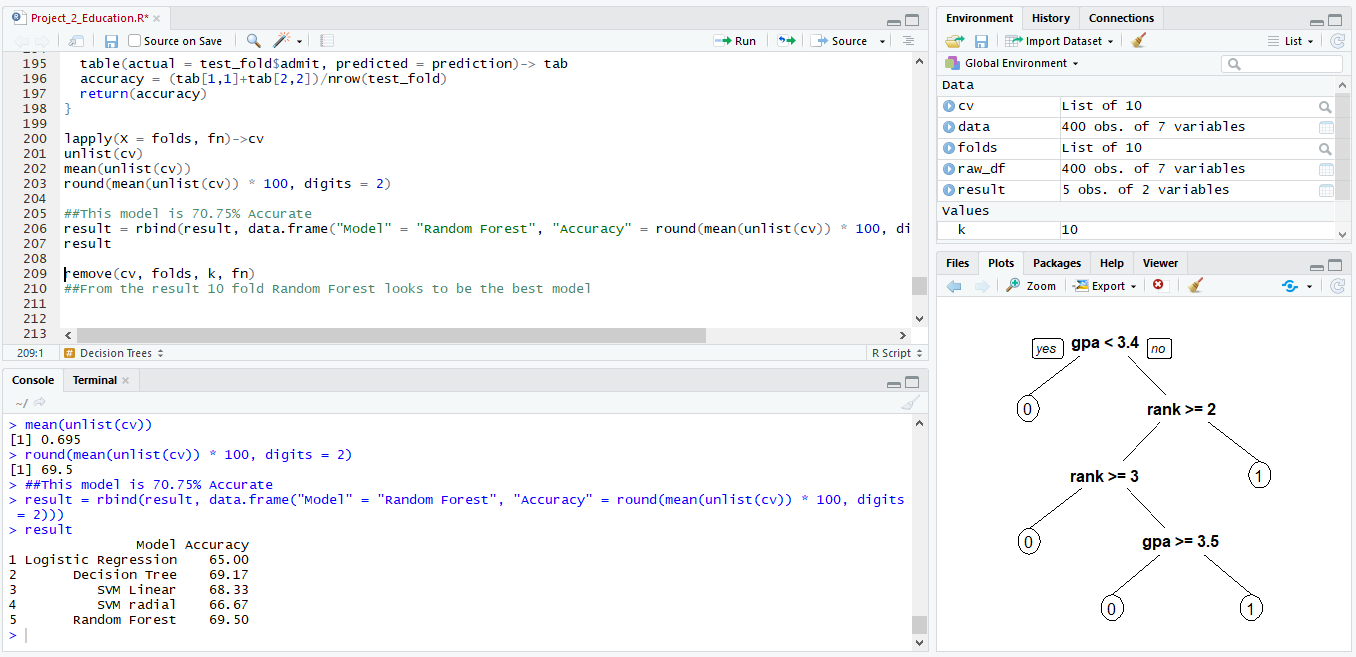


support vector machines – radial



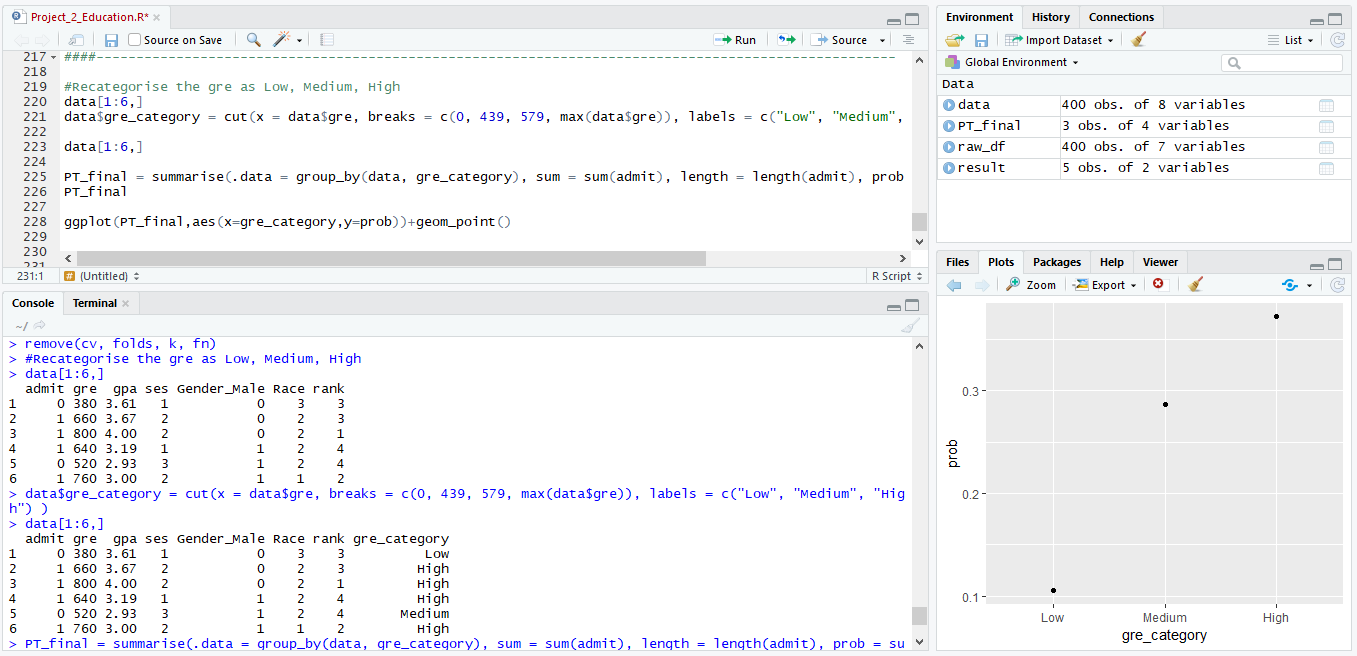
Random Forest

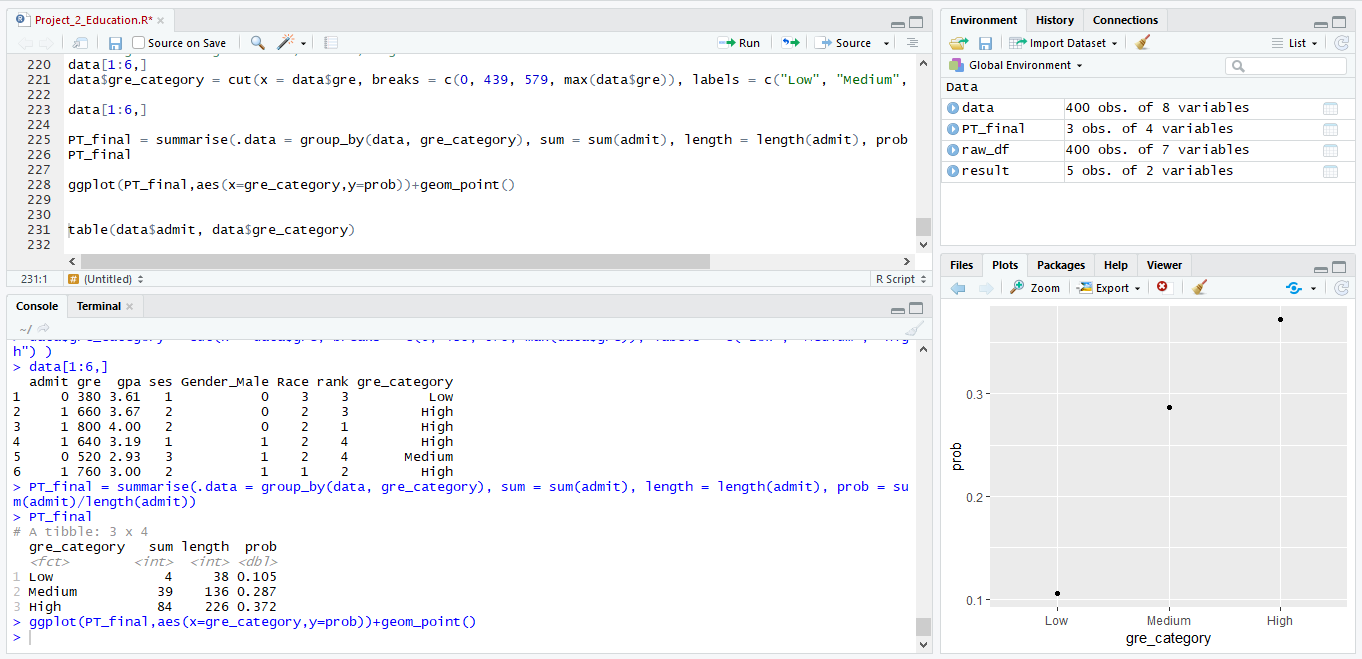




## Question 4

Categorize the grade point average into High, Medium, and Low (with admission probability percentages) and plot it on a point chart.





## Complete source code :



## Complete console output :

