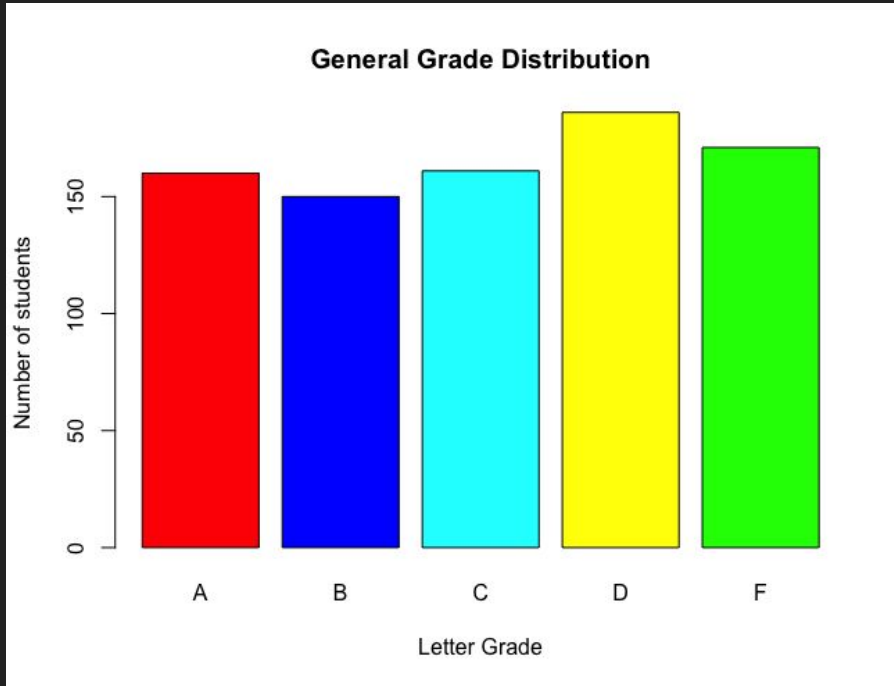


# How to get a good grade in professor Moody Class

- Sanjaya Budhathoki

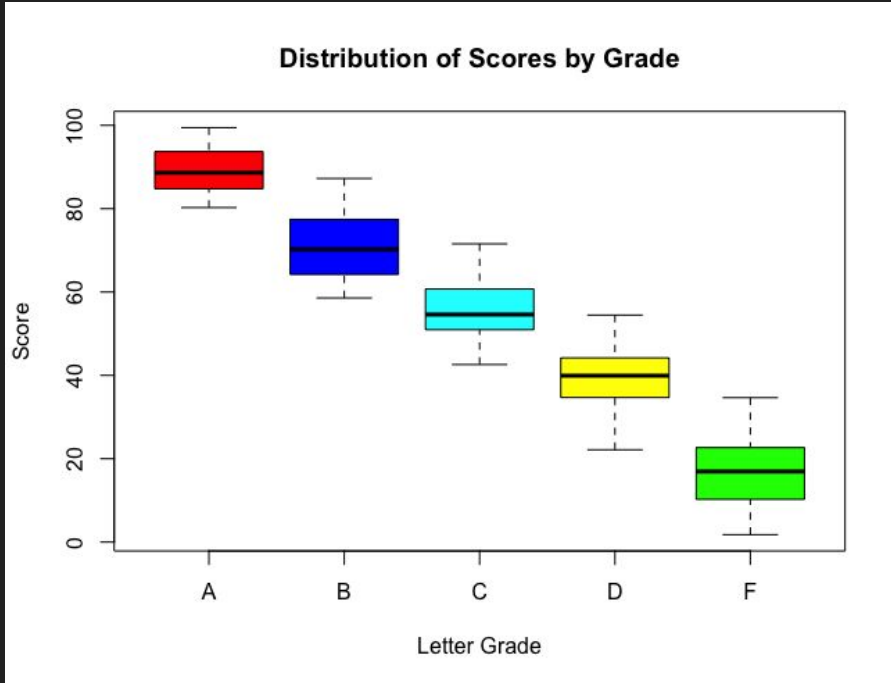
# General Distribution of Grade in class



- As you can see, the general Distribution of grade in the class seems to be the same.
- The likelihood of getting an A is same as getting a B,C,D, and F.
- Although there is a slight higher chance that you will get a D in the class due to its distribution being a little higher.
- This doesn't really tell us much about the factors that influence the grade.

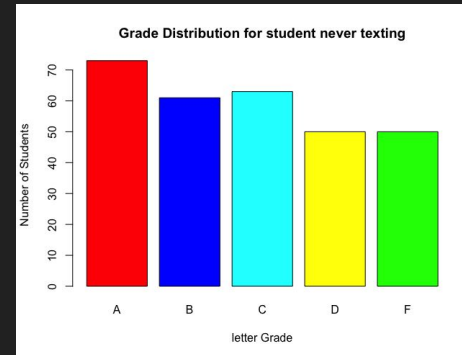
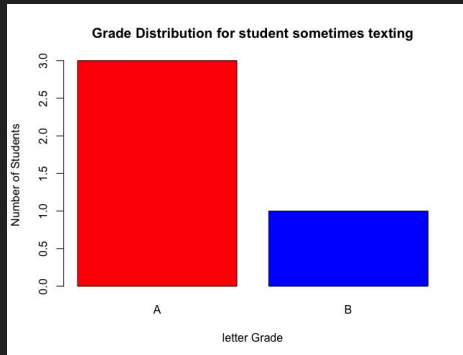
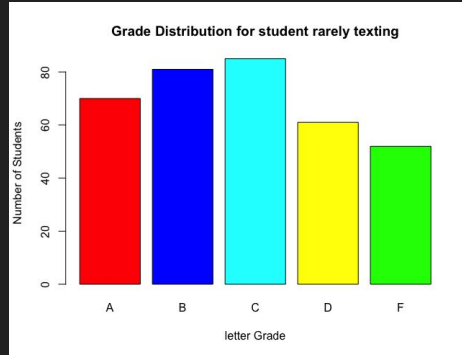
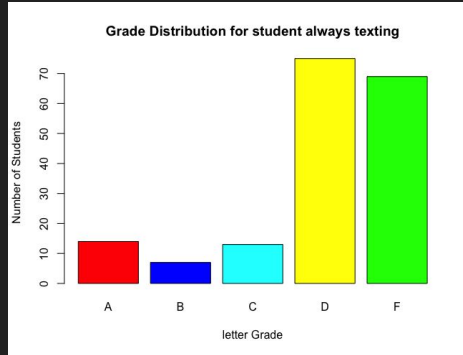
```
colors<- c('red','blue','cyan','yellow','green', 'orange')
barplot(table(moody2022$GRADE), col = colors, main = 'General Grade Distribution',
        ylab = 'Number of students', xlab = 'Letter Grade')
```

# Grade comparison by score



- As we can, there is quite a overlapping between the grade.
- A student with 81 could receive either A or B, a student with 60 could receive either B or C and so on.
- That means the score on the class doesn't fully define the letter grade on class and there are other factors that determines the grade.

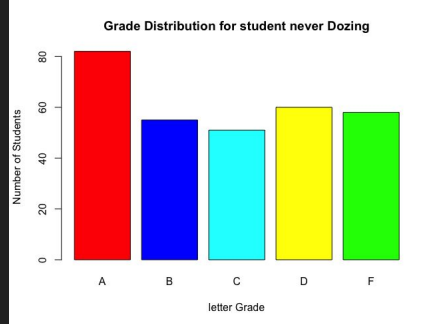
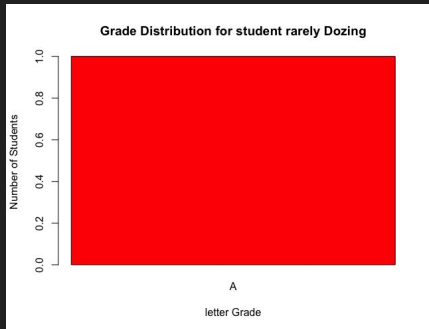
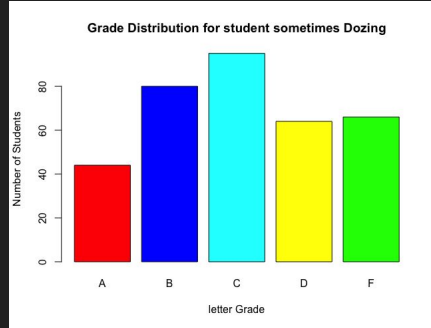
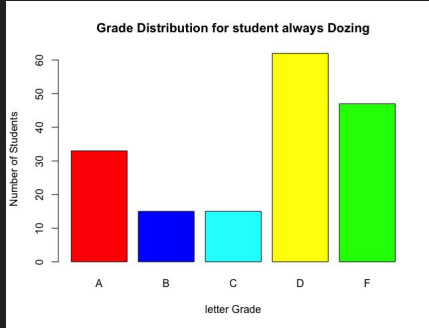
# Breaking down with the 'Texting' variable



- If you are always on your phone there is a high chance that you will get a D or F.
- Beside that there isn't much we can tell because there is an even distribution between sometimes texting, rarely texting and never texting.
- Although there is a good chance you will get an higher grade if your are never texting but the distribution is fairly even so you can't really tell.

R code will be provided in separate file

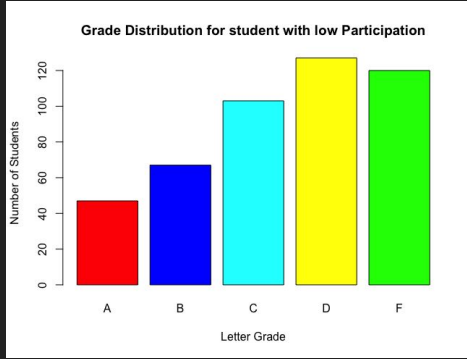
# Breaking down with the 'Dozing off' variable



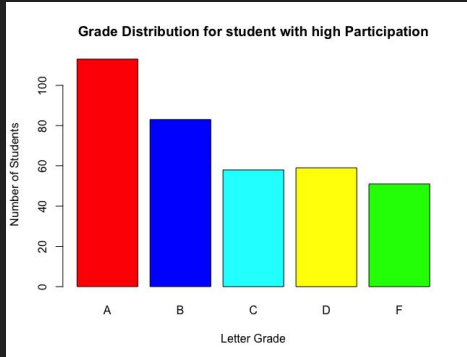
- As you can see, there is a high probability of getting a D or F if you always dozes off in class.
- Dozing off sometimes and during the class has even distribution so, it doesn't help us much here.
- Rarely dozing off has no effect because the data is too small (only 1 person with A).

R code will be provided in separate file

# Breaking down with 'Participation' variable



- As we can see, participation in class has a good effect on your grade.
- The students with low participation in class have high chances of getting low grade.
- The students with high participation in class have high chances of getting a good grade.



# Advice for Moody's Students

- Most important: The most important thing to do is avoid always dozing off and texting in class. Always texting in class and always dozing off will increase your chances of getting a D or F in class.
- Rarely texting and sometimes dozing off doesn't have much effect on your grade.
- Participation has a really high effect on your grade. So it is important that you try to participate as much as you can.