1. Calculate the average salary by gender and smoking status.

RcmdrTestDrive%>% group\_by(gender,smoking)%>%

select(gender, smoking, salary)%>%

summarise(meansalary=mean(salary))

|  |
| --- |
| **gender** **smoking** **meansalary**  *<fctr> <fctr> <dbl>*  1 Female Nonsmoker 693  2 Female Smoker 733  3 Male Nonsmoker 741  4 Male Smoker 751 |
|  |
| |  | | --- | | > | |

1. Which gender has the highest mean salary?

Male Smoker with highest mean salary 751

1. Report the highest mean salary.

Male Smoker with highest mean salary 751

1. Compare the spreads for the genders by calculating the standard deviation of salary by gender

sd(RcmdrTestDrive$salary)