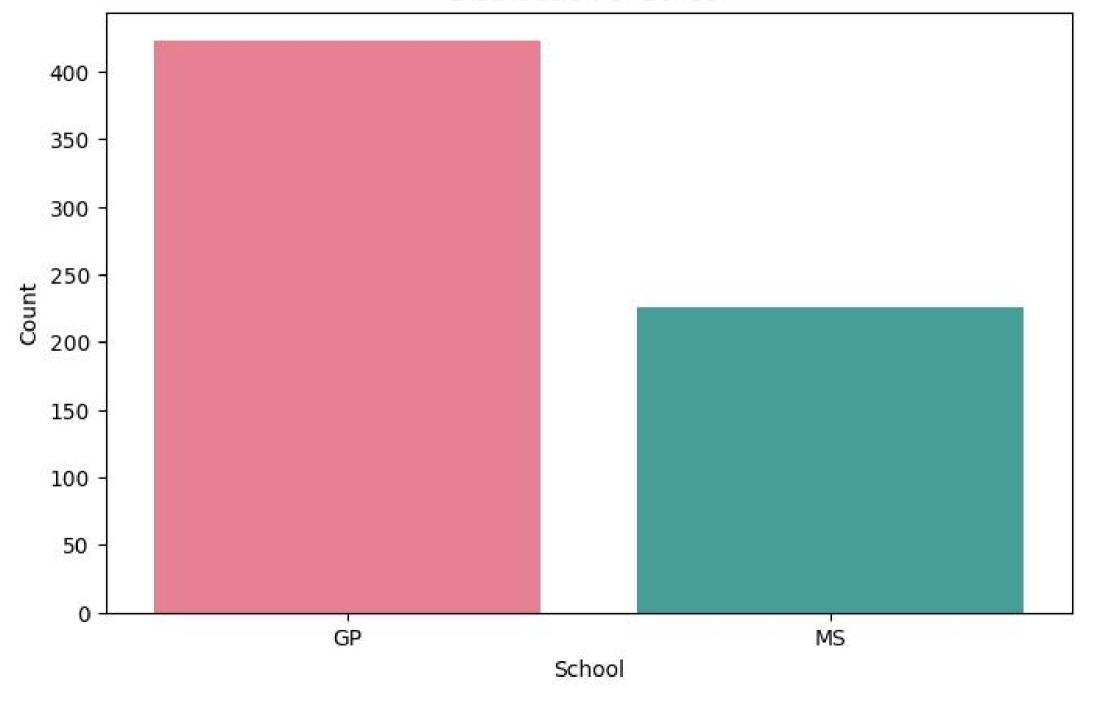
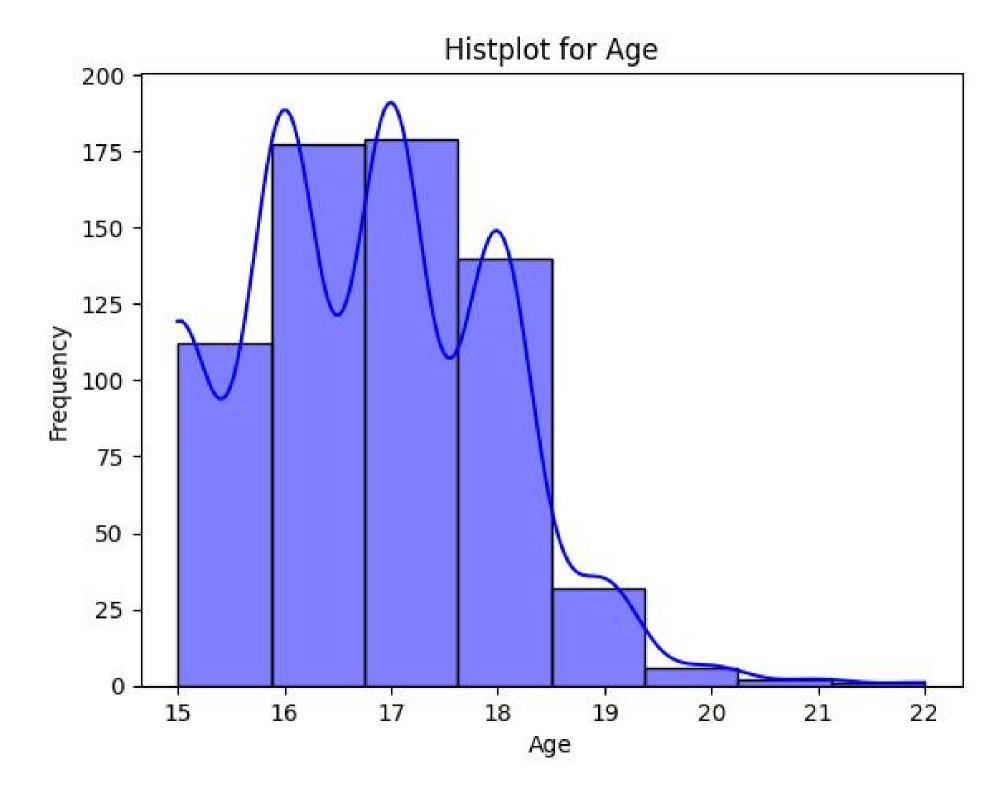
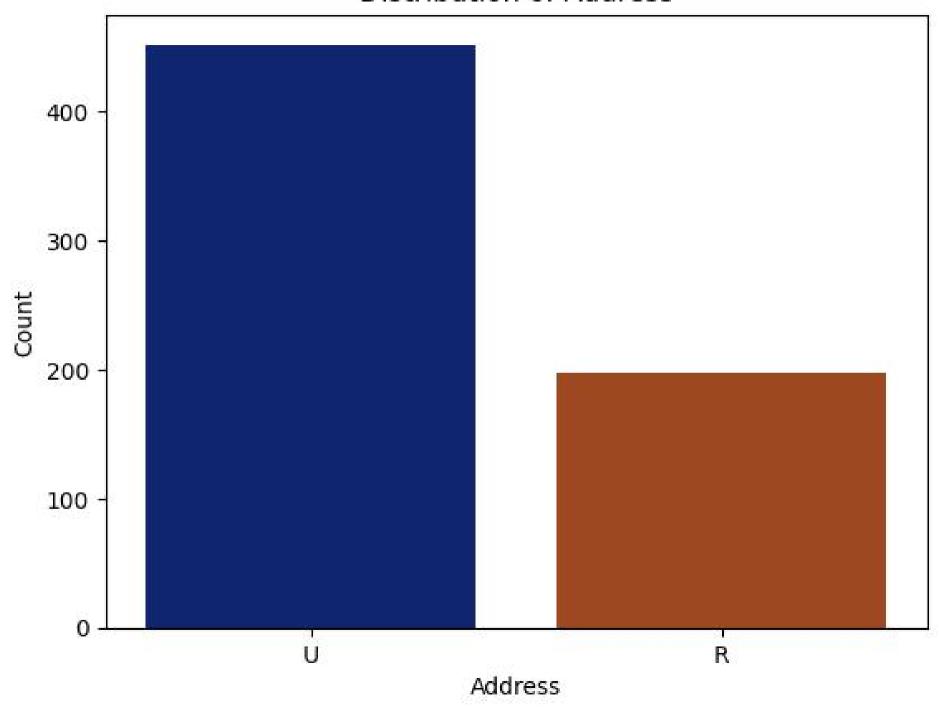
#### **Python Project on EDA-Student Performance Data**

#### Distribution of School

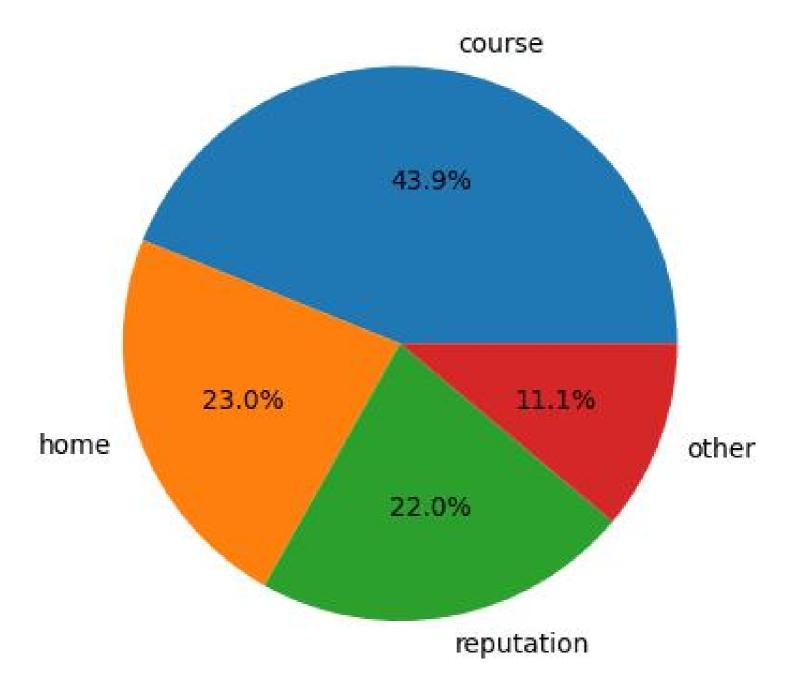




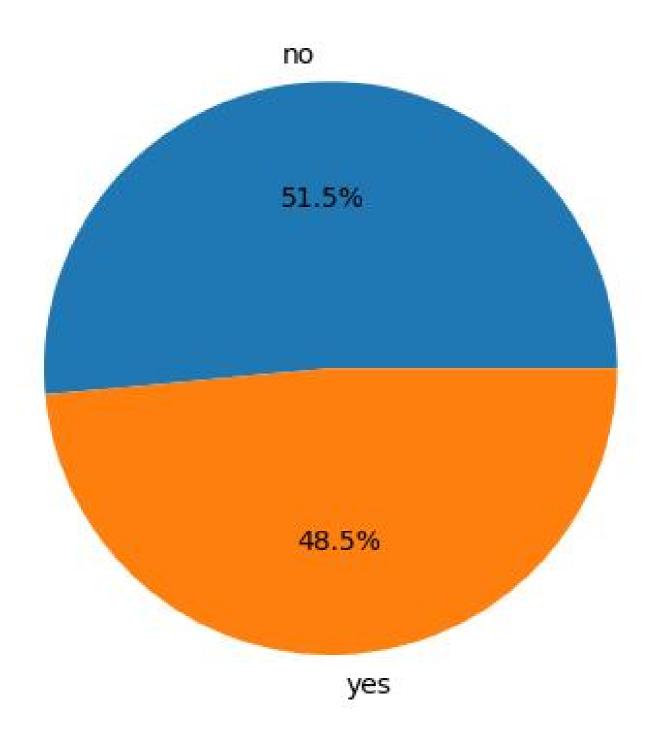
## Distribution of Address

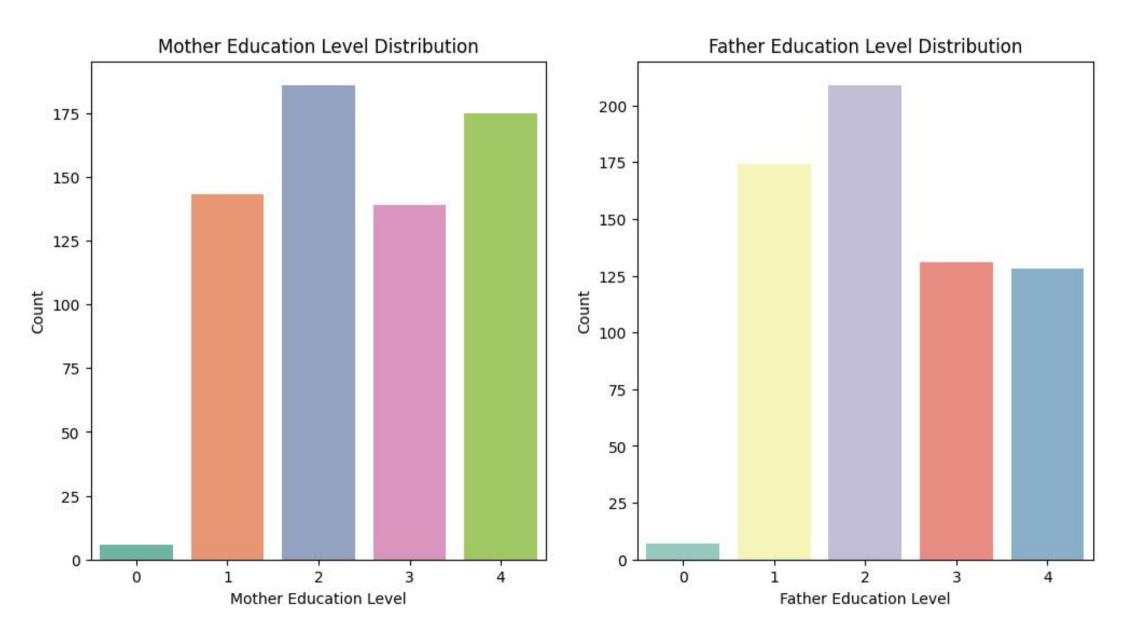


# Piechart Distribution for Reason

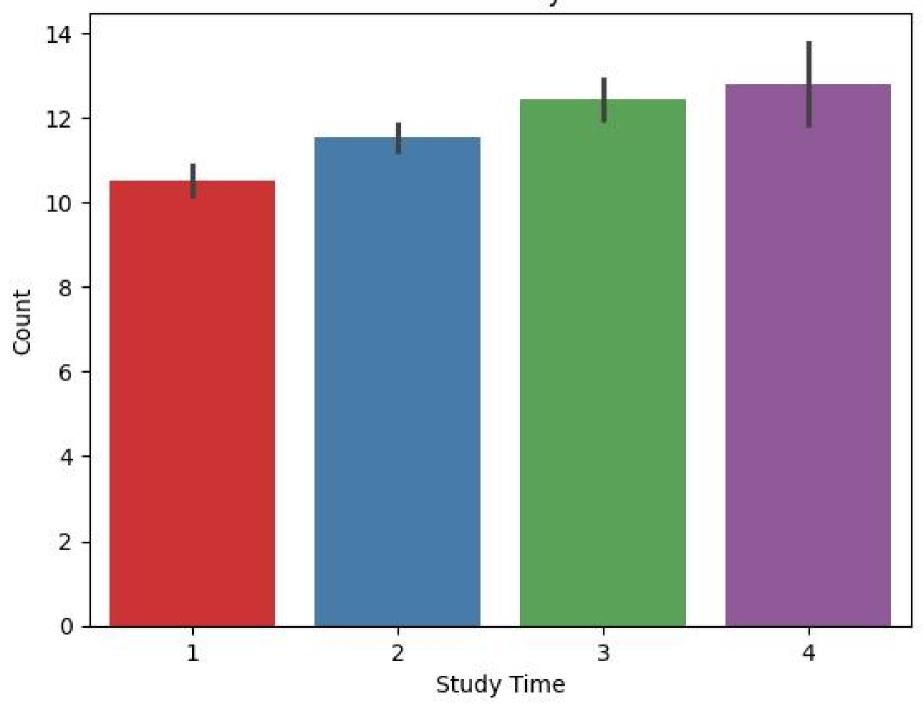


# Piechart Distribution for Activities

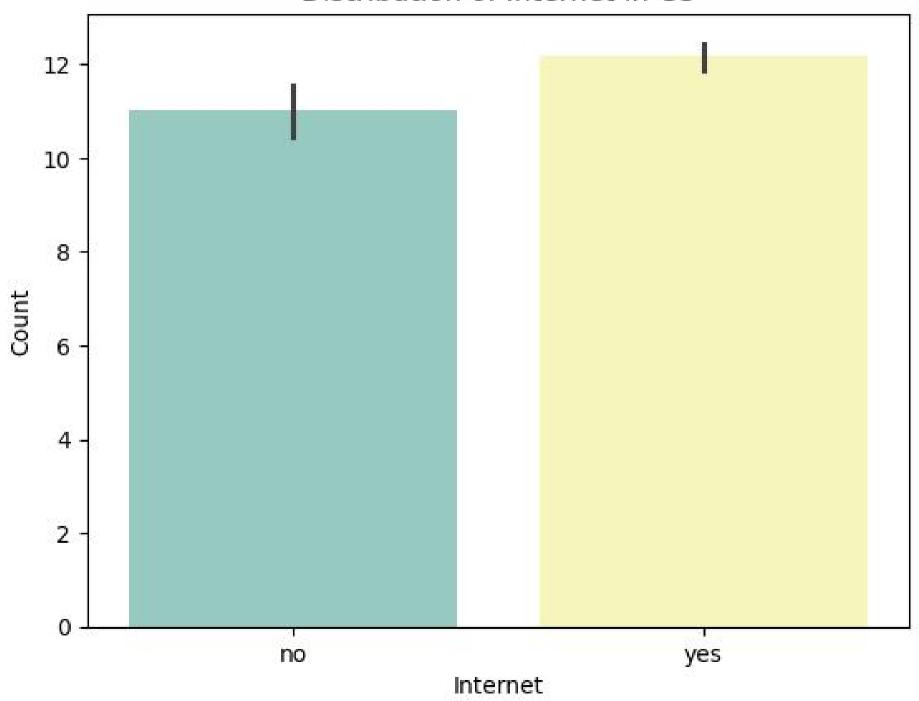




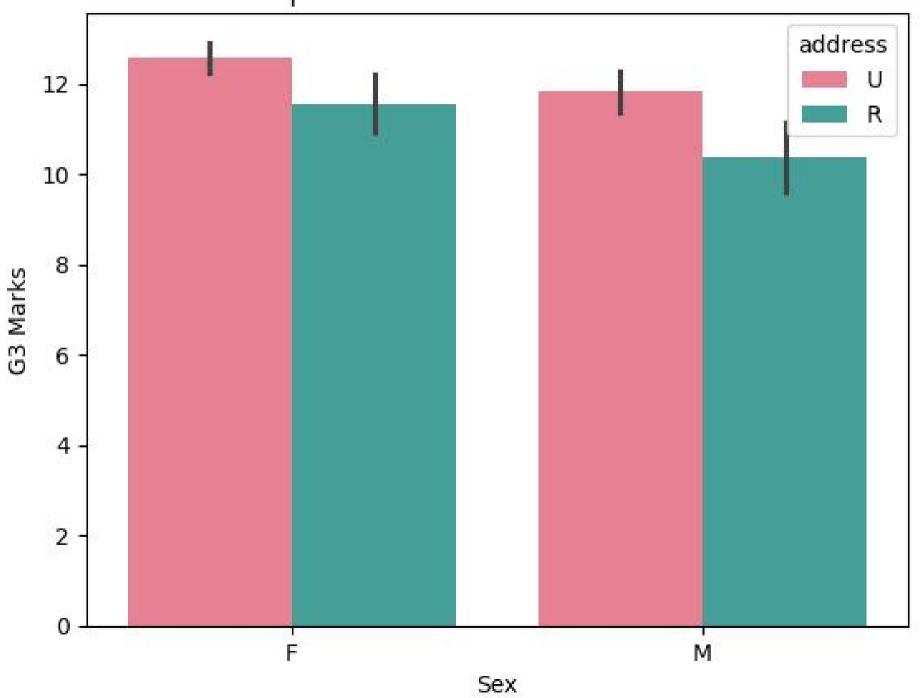
Distribution of Study Time in G1



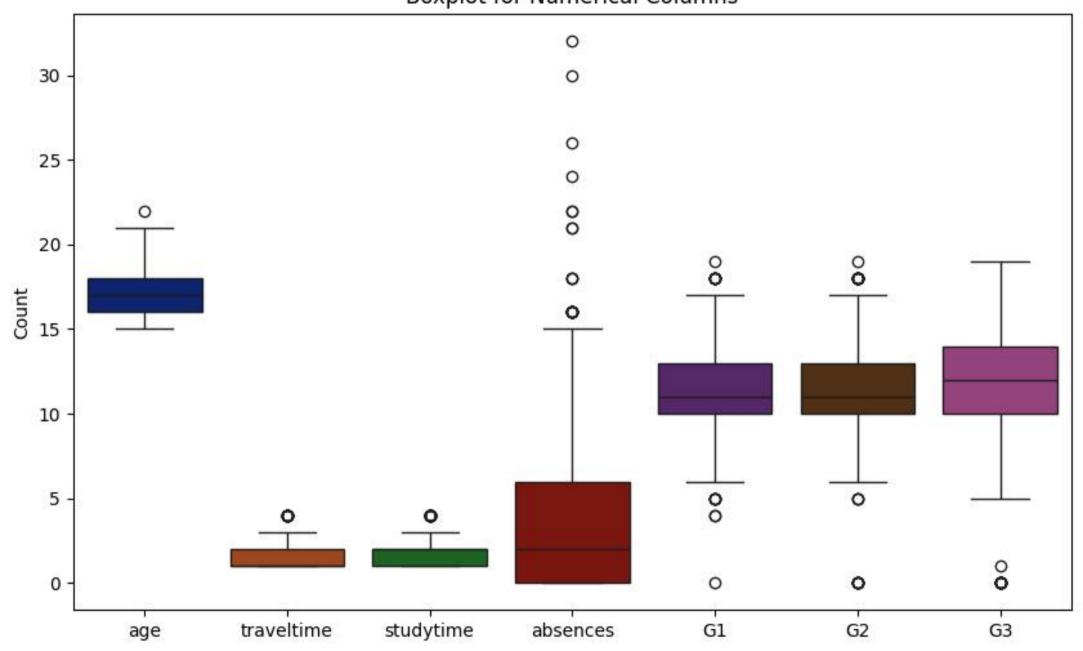
## Distribution of Internet in G3



Barplot for Male Vs Female G3 Marks



### **Boxplot for Numerical Columns**



Heatmap for Numerical Data -1.0-0.11 -0.12 0.03 -0.01 0.32 -0.02 -0.00 0.11 0.13 0.09 -0.01 0.15 -0.17 -0.11 -0.11 Medu - -0.11 1.00 0.10 -0.17 0.02 -0.02 0.01 -0.01 -0.02 0.00 -0.01 0.65 -0.270.26 0.8 Fedu - -0.12 0.65 1.00 -0.21 0.05 -0.17 0.02 0.01 0.03 0.00 0.04 0.04 0.03 0.21 traveltime - 0.03 -0.27 -0.21 1.00 -0.06 0.10 -0.01 0.00 0.06 0.09 0.06 -0.05 -0.01 -0.15 -0.15 -0.13 studytime - -0.01 0.10 0.05 -0.06 1.00 -0.15 -0.00 -0.07 -0.08 -0.14 -0.21 -0.06 -0.12 0.26 0.24 0.6 failures - 0.32 -0.17 -0.17 0.10 -0.15 1.00 -0.06 0.11 0.05 0.11 0.08 0.04 0.12 -0.38 -0.39 -0.39 famrel - -0.02 0.02 0.02 -0.01 -0.00 -0.06 1.00 0.13 0.09 -0.08 -0.09 0.11 -0.09 0.05 0.09 0.4 freetime - -0.00 -0.02 0.01 0.00 -0.07 0.11 0.13 1.00 0.35 0.11 0.12 0.08 -0.02 -0.09 -0.11 -0.12 0.06 -0.08 0.05 0.09 0.35 1.00 0.25 0.39 0.09 -0.07 -0.08 -0.09 goout - 0.11 0.01 0.03 -0.02 - 0.2 Dalc - 0.13 -0.01 0.00 0.09 -0.14 0.11 -0.08 0.11 0.25 0.17 -0.20 -0.19 -0.20 1.00 0.62 0.06 Walc - 0.09 -0.02 0.04 0.06 -0.21 0.08 -0.09 0.12 0.39 0.11 0.16 -0.16 -0.16 -0.18 0.62 1.00 health - -0.01 0.00 0.04 -0.05 -0.06 0.04 0.08 -0.02 0.06 1.00 -0.03 -0.05 -0.08 -0.10 0.11 0.11 -0.00.03 -0.01 -0.12 0.12 -0.09 -0.02 0.09 0.17 0.16 -0.03 1.00 absences - 0.15 -0.01 -0.15 -0.12 -0.09 0.22 -0.15 0.26 -0.38 0.05 -0.09 -0.07 -0.20 -0.16 -0.05 -0.15 0.26 -0.20.09 -0.11 -0.08 -0.19 -0.16 -0.08 -0.12 -0.15 0.24 -0.39 0.86 -0.11 0.24 0.21 -0.13 0.25 -0.39 0.06 -0.12 -0.09 -0.20 -0.18 -0.10 -0.09 0.83 0.92 1.00 famrel Walc health Medu aveltime studytime freetime 63