

# REPORT

*This is a result report of the Exploratory data analysis done on the “**TIP dataset**” which was taken from Datacamp.*

*The dataset contains eight attributes which are as follows ‘total\_bill’, ‘tips’, ‘sex’, ‘smoker’, ‘day’, ‘time’, ‘size’, ‘fraction’. And in total there are 244 entries in which around 64 percent of customer were male while rest were female whose name were listed in record. the maximum frequency of number of people per entry is **Two**. The average tip given by the males customer was around 3.08 \$ while for females were 2.83\$. In which maximum tip by the male is 10\$ while in case of female is 6.5\$.*

*It is clear from the day column that out of 7 days only four days were when the shop was open. The days on which shop was open was on Thursday, Friday, Saturday and Sunday. It was also clear that the maximum customer were on Saturday that is 87 customer and while minimum was on Friday which was 19. But even the number of customer on Saturday was more then on Sunday the average sum of tip given on Sunday was more then Saturday.*

*The data also shows that the number of customer at dinner were more then that of lunch. and average tip during dinner was around 3.10 \$ while that during lunch time was 2.72\$.*

*Last there was no relation between the amount total amount of money spend and the amount of money given as a tips.*

*With this it is end of analysis, and the result drawn from the dataset is that the restaurant favors more of male section then that of female. At weekends the restaurant is much populated and earns the maximum.*