MCE Society’s

**Allana Institute of Management Sciences, Pune**

**IT31L - Lab Practical Assignment -1**

**(ML Basic statistics)**

MCA- II Year (Sem-III)

Date: 04/10/2024

Dataset:

Sales = [500, 1800, 16000, 21000, 26000, 35000, 22000, 32000, 31500, 28500, 17500, 36000, 18500, 32000]

1. Write a python program to find the Sales mean.
2. Write a python program to find the Sales mean. (take large data from excel file- 100+ records)
3. Write a python program to find the Sales median.
4. Write a python program to find the Sales median. (take large data from excel file- 100+ records)
5. Write a python program to find the Sales mode.
6. Write a python program to find the Sales mode. (take large data from excel file- 100+ records)
7. Write a python program to find the standard deviation.
8. Write a python program to find the variance.
9. Write a python program to find the percentile.
10. Write a program to apply linear regression Model techniques to predict the data on any dataset.
11. Write a program to apply Logistic regression Model techniques to predict the data on any dataset.