1. **Write a python program to Implement Linear Regression for predicting salary of the employee given his experience (salary\_data.csv).**
2. **Write a python program to find out mode and median for the dataset num=[2,3,4,5,7,2]**
3. **Write a python program to find out variance and deviation for the dataset num=[2,3,4,5,7,2]**
4. **Write a python program to Implement Multiple Regression for predicting CO2 emission of the car given the weight and volume (multiple.csv).**
5. Write a python program to fit following data using Polynomial Regression

x = [1,2,3,5,6,7,8,9,10,12,13,14,15,16,18,19,21,22]

y = [100,90,80,60,60,55,60,65,70,70,75,76,78,79,90,99,99,100]

1. Write a python program to implement prediction of Profit to Production Cost using Decision Tree Regression for below data:

[['Asset Flip', 100, 1000],['Text Based', 500, 3000],['Visual Novel', 1500,5000],['2D Pixel Art', 3500, 8000],['2D Vector Art', 5000, 6500],['Strategy', 6000, 7000],['First Person Shooter', 8000, 15000],['Simulator', 9500, 20000],['Racing', 12000, 21000],['RPG', 14000, 25000],['Sandbox', 15500, 27000],['Open-World', 16500, 30000],['MMOFPS', 25000, 52000],['MMORPG', 30000, 80000]]