* **Build a model which predict sales based on the money spent on different platforms for marketing using advertising.csv dataset.**
* import pandas as pd
* import numpy as np
* sales = pd.read\_csv("Advertising.csv")
* sales
* x = sales.iloc[:,:-1]
* x
* y = sales.iloc[:,-1]
* y
* from sklearn.model\_selection import train\_test\_split
* xtrain, xtest, ytrain, ytest = train\_test\_split(x,y, test\_size = 0.3, random\_state = 1)
* from sklearn.linear\_model import LinearRegression
* lr = LinearRegression()
* lr.fit(xtrain, ytrain)
* lr.predict(xtest)
* def salesprediction():
* TV = float(input("Enter the money expenditure for marketing through TV: "))
* Radio = float(input("Enter the money expenditure for marketing through Radio: "))
* Newspaper = float(input("Enter the money expenditure for marketing through Newspaper: "))
* pred = lr.predict([[TV,Radio,Newspaper]])[0]
* return print(f"The sales for {TV}, {Radio}, {Newspaper} is {pred}")
* salesprediction()