**PREDICTING THE COST OF PETROL BY ML (LINEAR REGRESSION MODEL)**

!pip install scikit-learn

!pip install pandas

import pandas as pd

# Example data

data = {

'Year': [2010,2011,2012,2013,2014,2015,2016,2017,2018,2019,2020,2021,2022],

'Petrol': [55, 60, 70, 75, 60, 65, 75, 80, 90, 100, 110, 120, 130]

}

df=pd.DataFrame(data)

print(data)

X=df[['Year']]

y= df['Petrol']

from sklearn.linear\_model import LinearRegression

reg = LinearRegression()

reg.fit(X,y)

user=int(input("enter the year:"))

a=reg.predict([[user)

print(f"the cost of the petrol per one liter in {user}:",a)

**Output**=Enter the year:2090

the cost of the petrol in 2090 :[514.83516484]