**SALES PREDICTION**

import pandas as pd

from sklearn.model\_selection import train\_test\_split

from sklearn.linear\_model import Linear Regression

from sklearn.metrics import mean\_squared\_error

# Load dataset

df = pd.read\_csv('sales\_data.csv')

# Preprocess data

X = df.drop(['sales'], axis=1)

y = df['sales']

# Split data into training and testing sets

X\_train, X\_test, y\_train, y\_test = train\_test\_split(X, y, test\_size=0.2, random\_state=42)

#Train linear regression model

model = Linear Regression()

model.fit(X\_train, y\_train)

#Evaluate model

y\_pred = model.predict(X\_test)

mse = mean\_squared\_error(y\_test, y\_pred)

print (f'Mean Squared Error: {mse:.2f}')