**Sales Prediction:**

import pandas as pd

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

from sklearn.linear\_model import LinearRegression

from sklearn.metrics import mean\_absolute\_error

# Load dataset

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

# Data preprocessing and feature selection/engineering here

# Split data into features (X) and target variable (y)

X = data[['Feature1', 'Feature2', ...]]

y = data['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)

# Create and train a Linear Regression model (you can use other models)

model = LinearRegression()

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

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

mae = mean\_absolute\_error(y\_test, y\_pred)

print(f"Mean Absolute Error: {mae}")