# librerias

from sklearn.metrics import mean\_absolute\_error, mean\_squared\_error, r2\_score, mean\_absolute\_percentage\_error

# codes

# Suponiendo que tienes los datos y las predicciones

# y\_test: valores reales

# y\_pred: valores predichos

# Cálculo de las métricas de regresión

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

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

rmse = np.sqrt(mse) # Raíz cuadrada del MSE

r2 = r2\_score(y\_test, y\_pred)

mape = mean\_absolute\_percentage\_error(y\_test, y\_pred)

# Imprimir los resultados

print("Mean Absolute Error (MAE):", mae)

print("Mean Squared Error (MSE):", mse)

print("Root Mean Squared Error (RMSE):", rmse)

print("R-squared (R²):", r2)

print("Mean Absolute Percentage Error (MAPE):", mape)