```
In [2]:  # Import necessary modules
         from sklearn.linear_model import LinearRegression
         from sklearn.metrics import mean_squared_error
         from sklearn.model_selection import train_test_split

         import pandas as pd
         import numpy as np

         # Read the CSV file into a DataFrame: df
         df = pd.read_csv('project_data_014.csv')

         y = df['target'].values
         X = df.drop(['x1','x2'], axis=1).values


         # Create training and test sets
         X_train, X_test, y_train, y_test = train_test_split(X, y, test_size = 0.3, random_state=42)

         # Create the regressor: reg_all
         reg_all = LinearRegression()

         # Fit the regressor to the training data
         reg_all.fit(X_train, y_train)

         # Predict on the test data: y_pred
         y_pred = reg_all.predict(X_test)

         # Compute and print R^2 and RMSE
         print("R^2: {}".format(reg_all.score(X_test, y_test)))
         rmse = np.sqrt(mean_squared_error(y_test, y_pred))
         print("Root Mean Squared Error: {}".format(rmse))
```

R^2: 0.8380468731430135
Root Mean Squared Error: 3.2476010800369455

In [ ]: