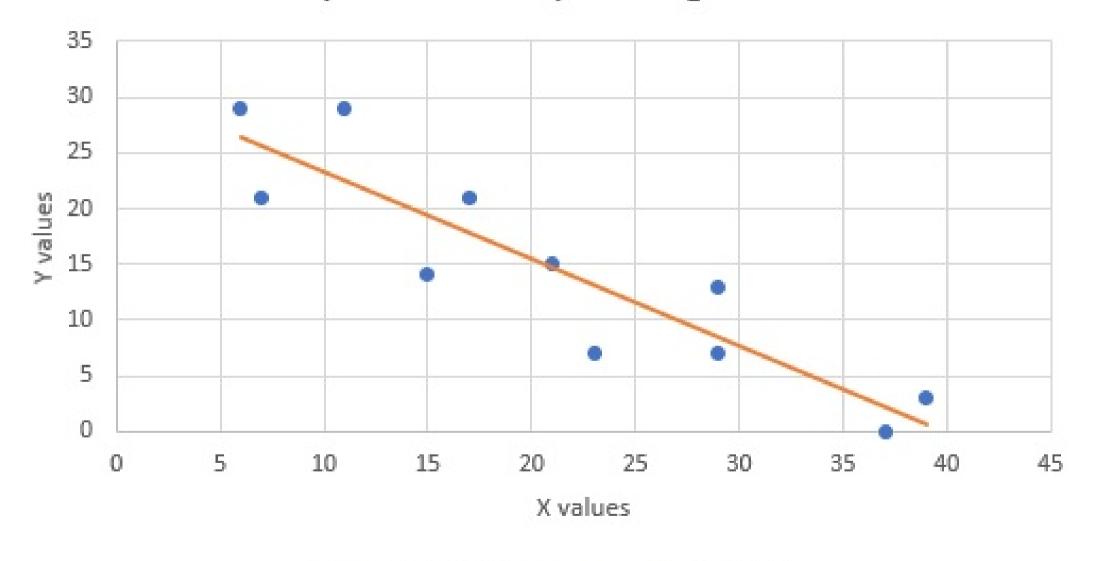Graph for Least-Square Regression