

During the preprocuring stage class

class sklearn.preprocessing.PolynomialFeatures(degree=2, \*, interaction\_only=False, include\_bias=True, order='C')
[Source]

\* Despite having we have a higher degree relationship byon Y and X, why do we still call it Linear Regression?

When performing linear Regierrion
we are looking at the relationship
I way and the coefficients, degree
of coefficients is 1, the relationship by
y and the coefficients is still linear