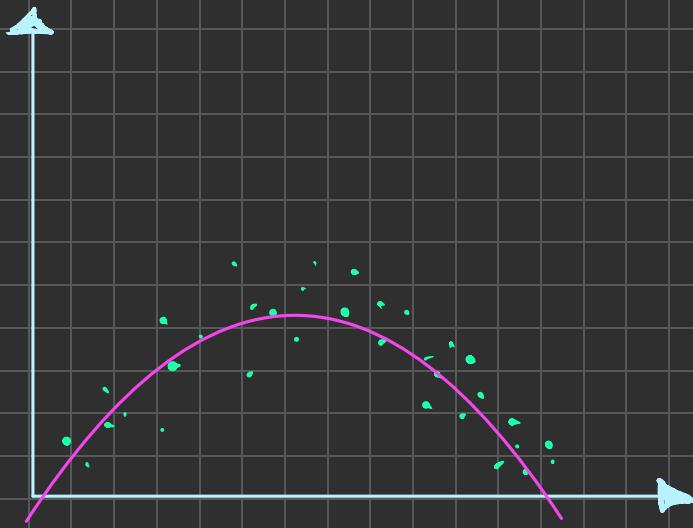


Polynomial Regression

$$\vec{x}^D = \begin{pmatrix} x_1 \\ x_2 \end{pmatrix}$$

Transformation
in höheren
Dimensionen

$$\vec{z} = \Phi(\vec{x}^D)$$



$$\hat{y} = ax^2 + bx + c$$

sklearn → Preprocessing Polynomial Feature

fit

fit_transform

transform