Feature Engineering: Transformation
Feature Engineering: Transformation Sometimes a polynomial relationship: with features is a better fit.
quadratic y = ax + b quadratic y = azx 2 + a, x + c
Numerical feature - can do polynomias transformation
scilit-learn
skleain. preprocessing. Polynomfalfantue
(pures) contracts
Be awar of osatilfing : f the degree is too high
Consider non-polynomial transformations as well
as well
For example Las Transforms
Lag Transforms Sigmoid Transforms
Rok of extrapolation beyond the range of the data when using polynomial
of the data when Using polynomial si
11 du 3/3/014/10.3
- and overfifty beyond the
DIST BOTT IS THE Data
Radial Basis Function Stransformers Transform: $f(x) = f(x - c)$ contere
wide a = 100
as a Kernel and in Radial B
widely used on Sipport Vector Machine as a Kernel and in Radia (Basis) NJeral Networks (RBNN)
· Guassian RBF is the most common RBF