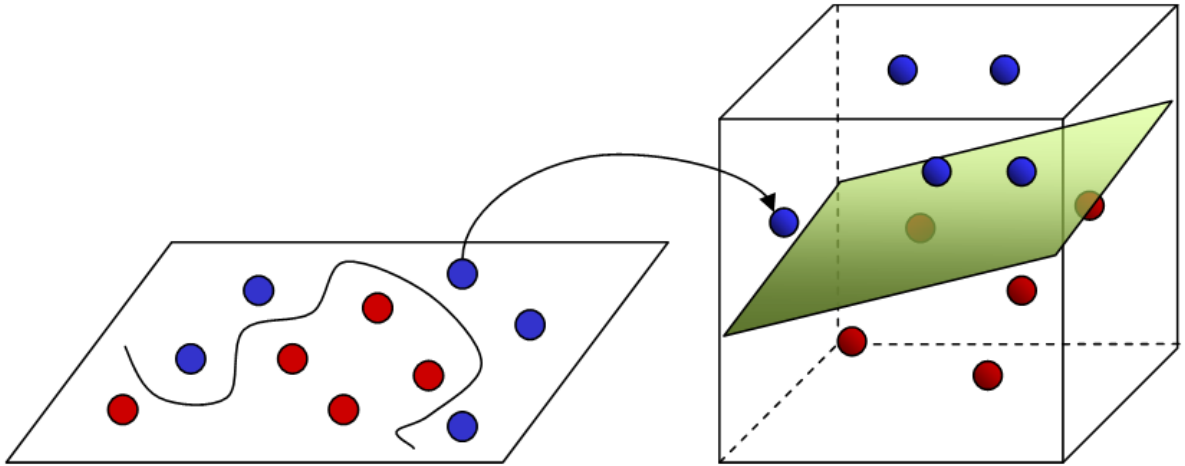
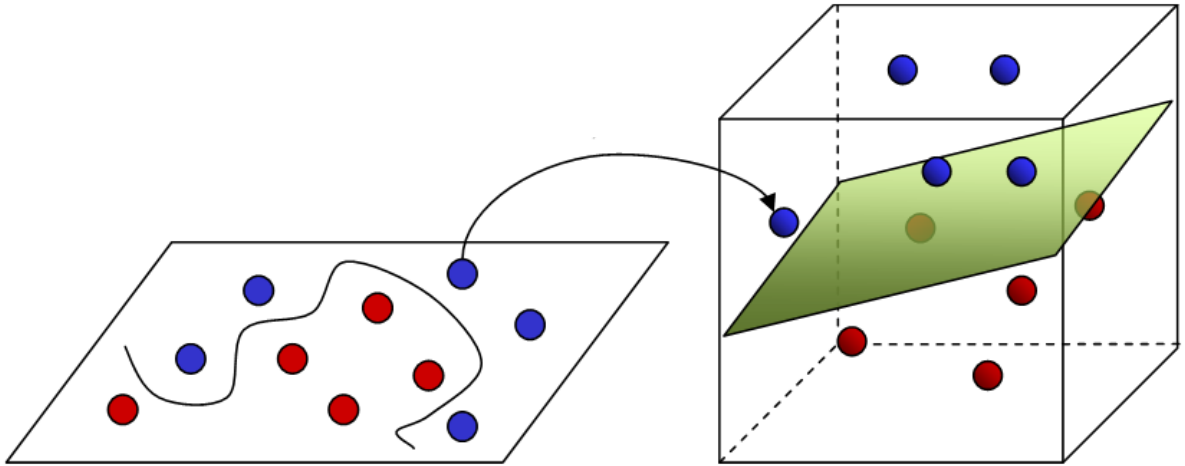
Projecting to Higher Dimension

Projecting to Higher Dimension



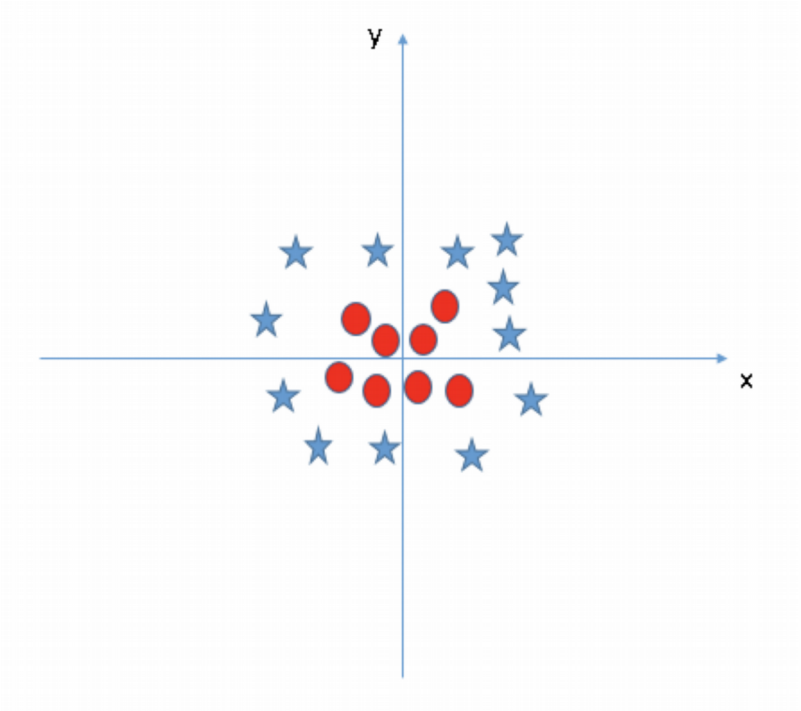
Projecting to Higher Dimension

?



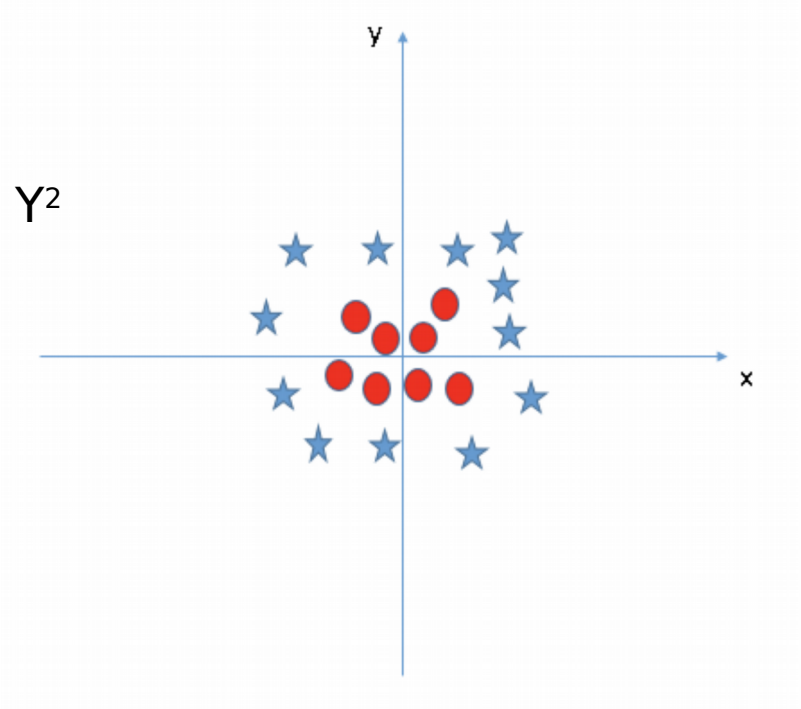
Analytics Vidhya
Learn everything about analytics

Projecting to Higher Dimension

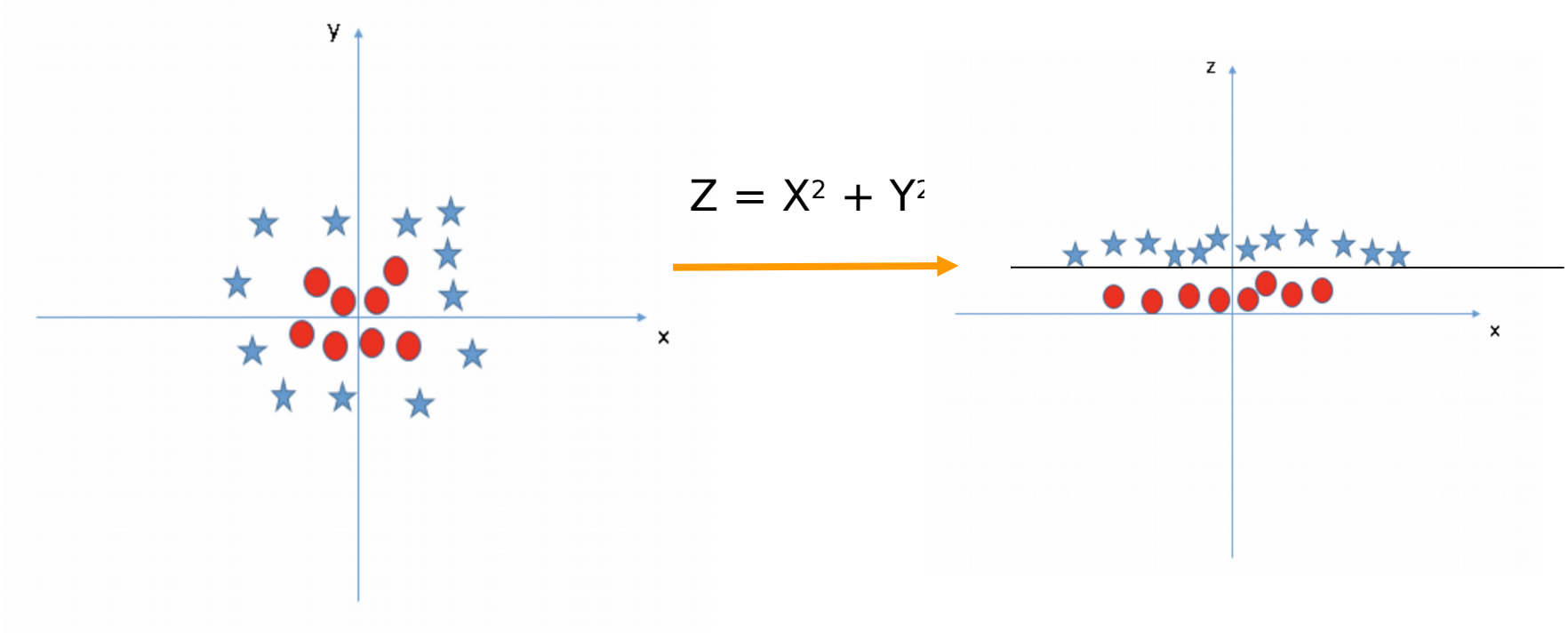


Projecting to Higher Dimension

$$Z = X^2 + Y^2$$

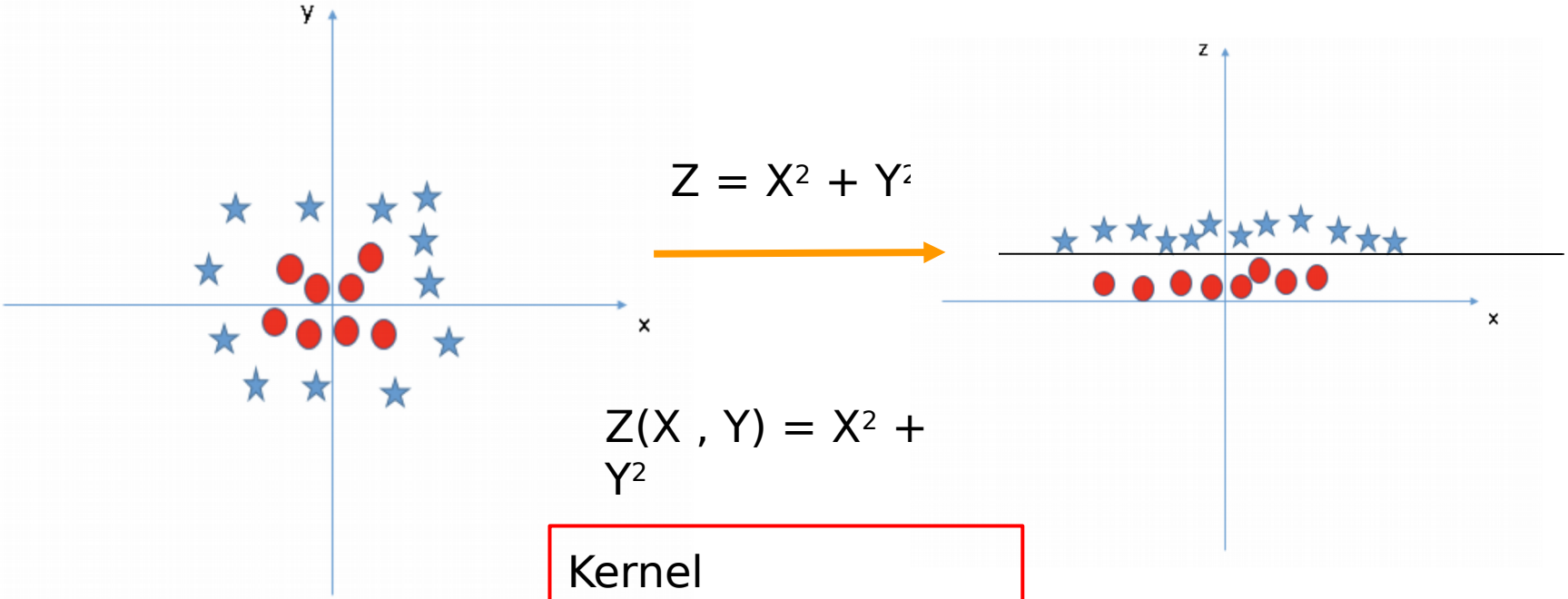


Projecting to Higher Dimension



Analytics Vidhya
Learn everything about analytics

Projecting to Higher Dimension

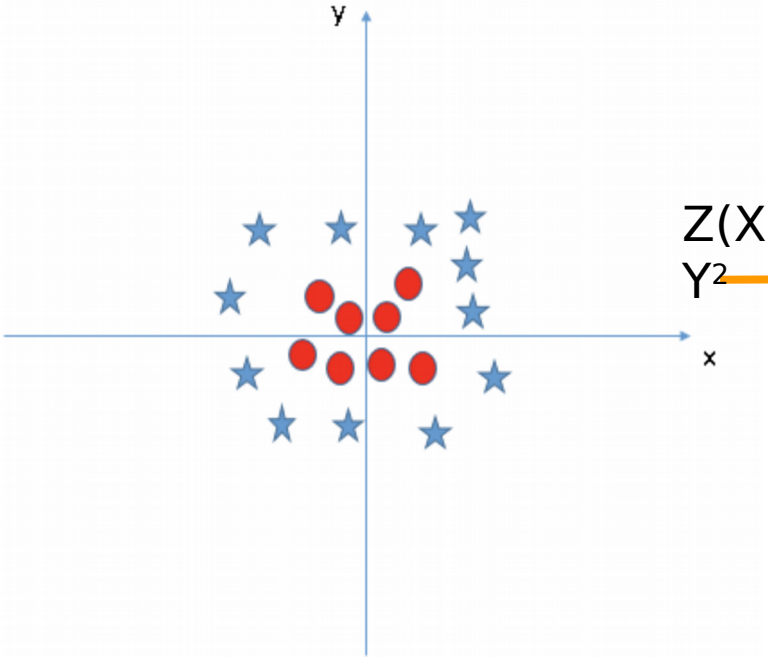


$Z(X , Y) = X^2 + Y^2$

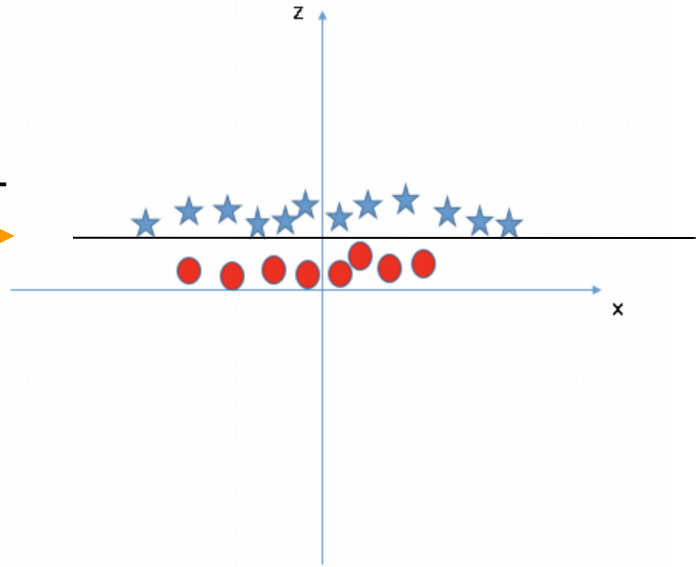
Kernel Transformation

Analytics Vidhya
Learn everything about analytics

Projecting to Higher Dimension



$$Z(X, Y) = X^2 + Y^2$$



Analytics Vidhya
Learn everything about analytics

Projecting to Higher Dimension

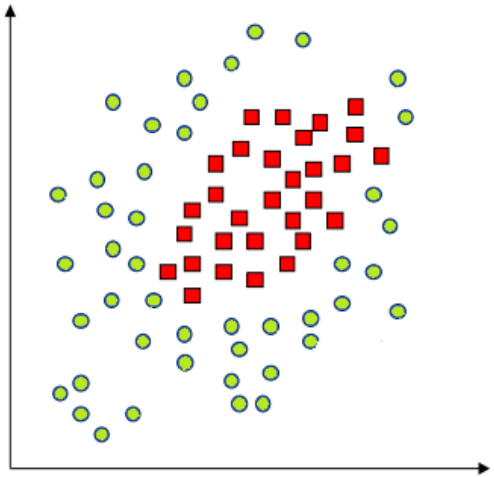
$$Z(X, Y) = \exp\left(-\frac{||X - Y||^2}{2\sigma^2}\right)$$

‘Rbf’ radial basis function/
Gaussian Kernel

Projecting to Higher Dimension

$$Z(X, Y) = \exp\left(-\frac{||X - Y||^2}{2\sigma^2}\right)$$

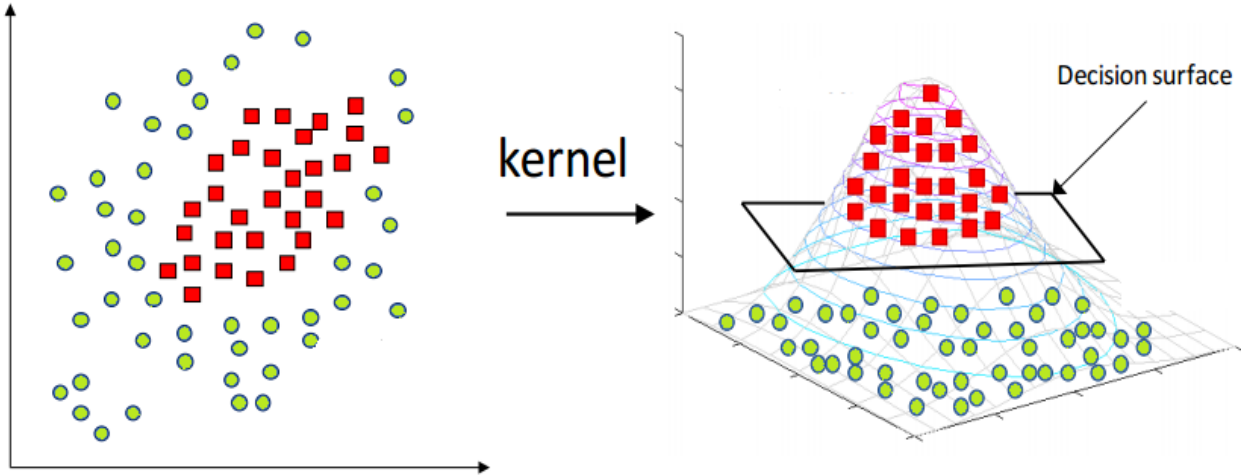
'Rbf' radial basis function/
Gaussian Kernel



Projecting to Higher Dimension

$$Z(X, Y) = \exp\left(-\frac{\| X - Y \|^2}{2\sigma^2}\right)$$

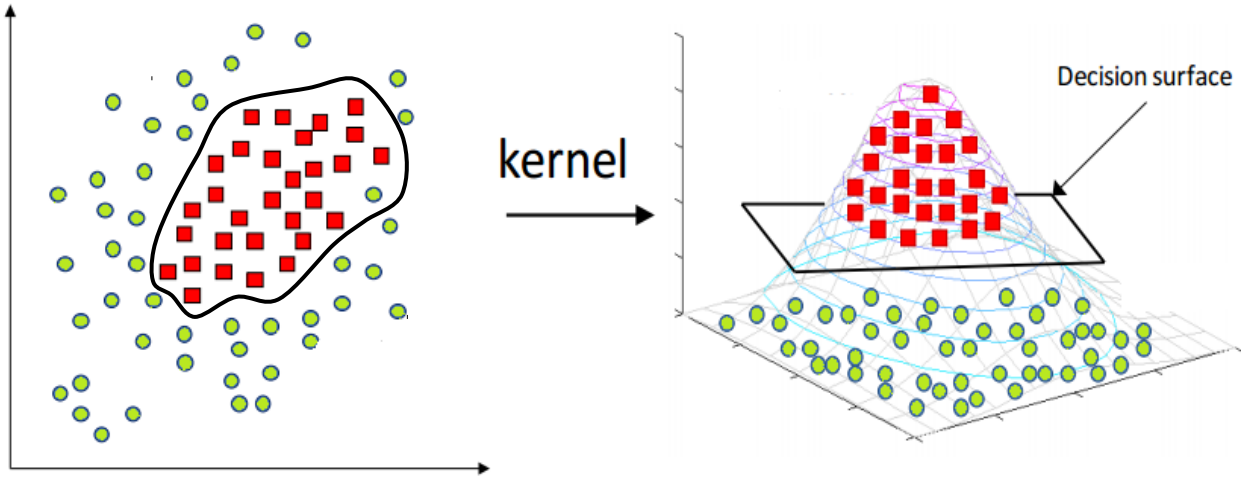
'Rbf' radial basis function/
Gaussian Kernel



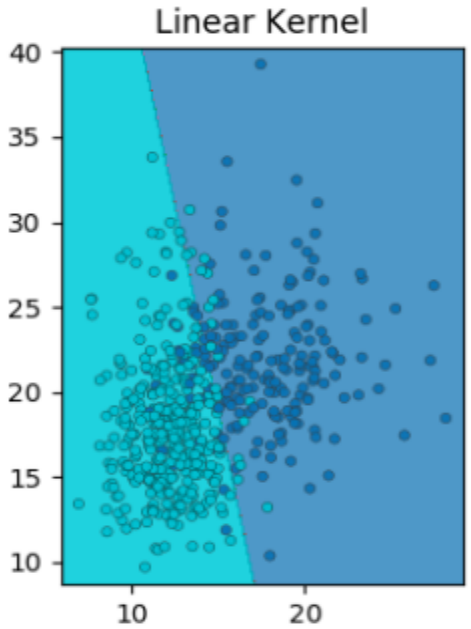
Projecting to Higher Dimension

$$Z(X, Y) = \exp\left(-\frac{||X - Y||^2}{2\sigma^2}\right)$$

'Rbf' radial basis function/
Gaussian Kernel

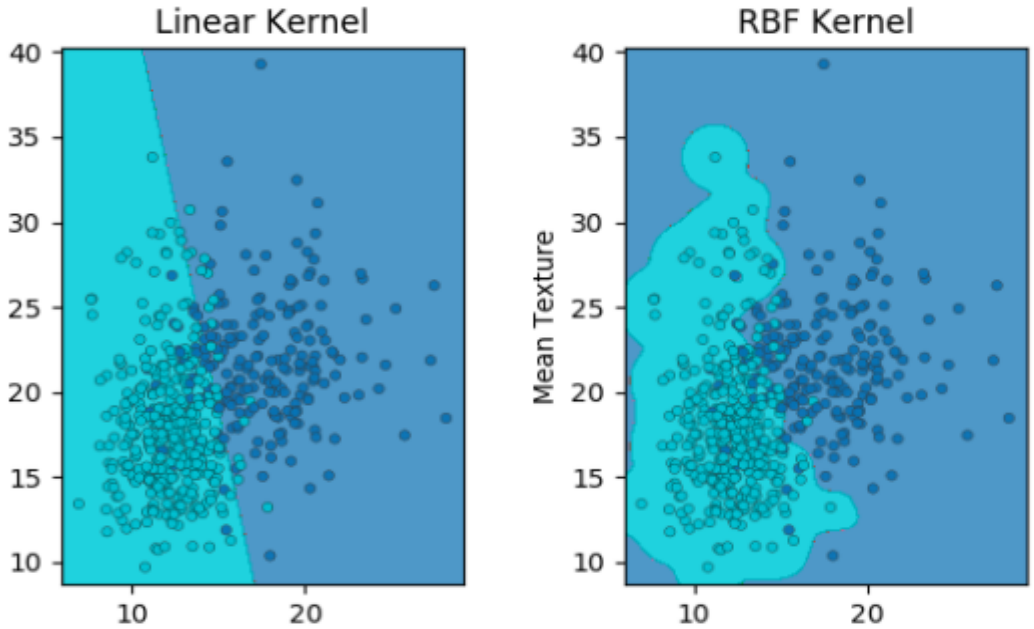


Projecting to Higher Dimension



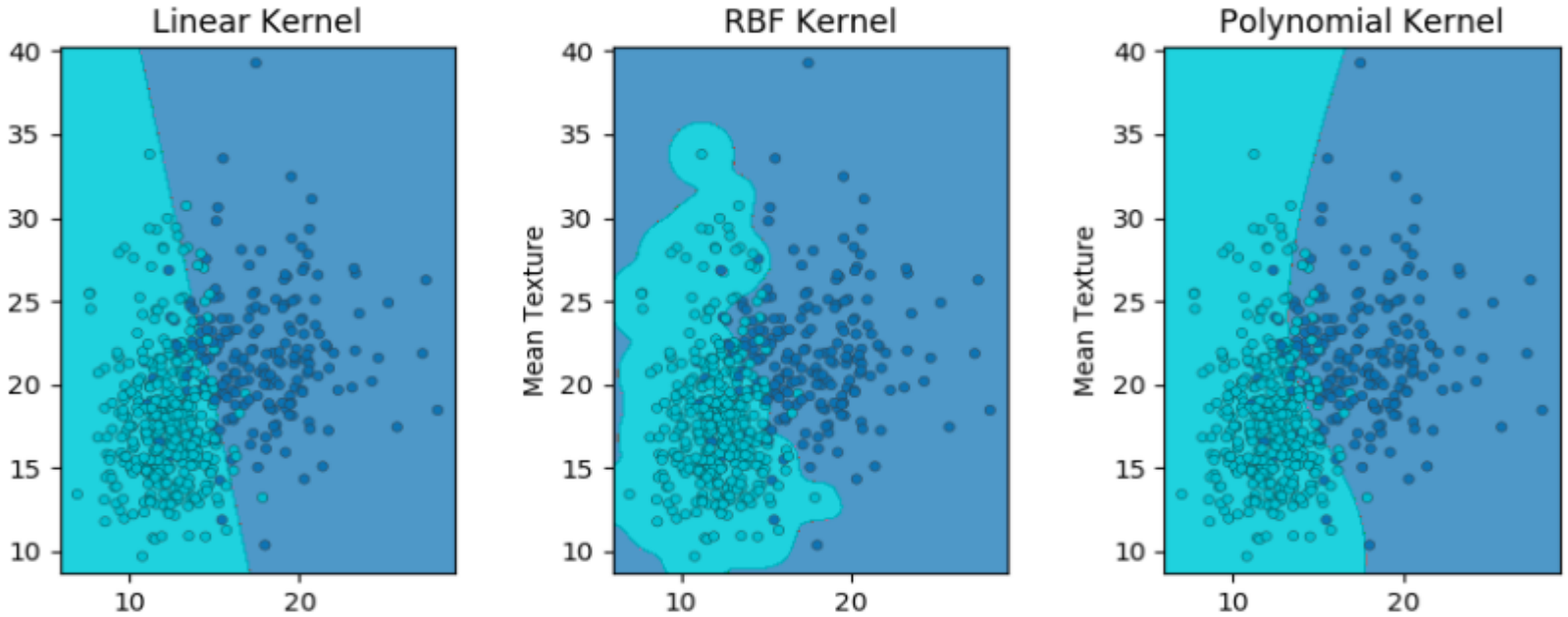
Analytics Vidhya
Learn everything about analytics

Projecting to Higher Dimension



Analytics Vidhya
Learn everything about analytics

Projecting to Higher Dimension



Analytics Vidhya
Learn everything about analytics