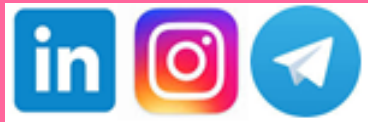


Machine Learning Models

KNN & SVM

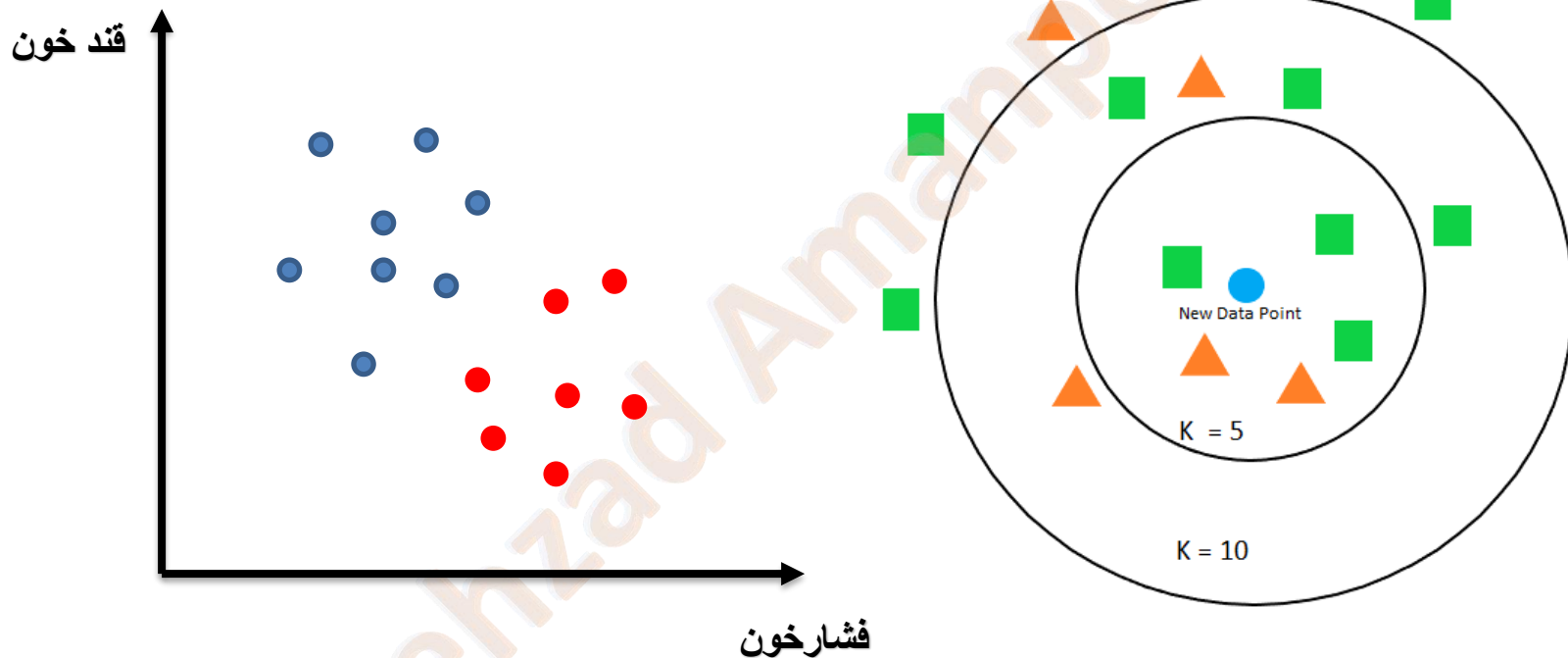


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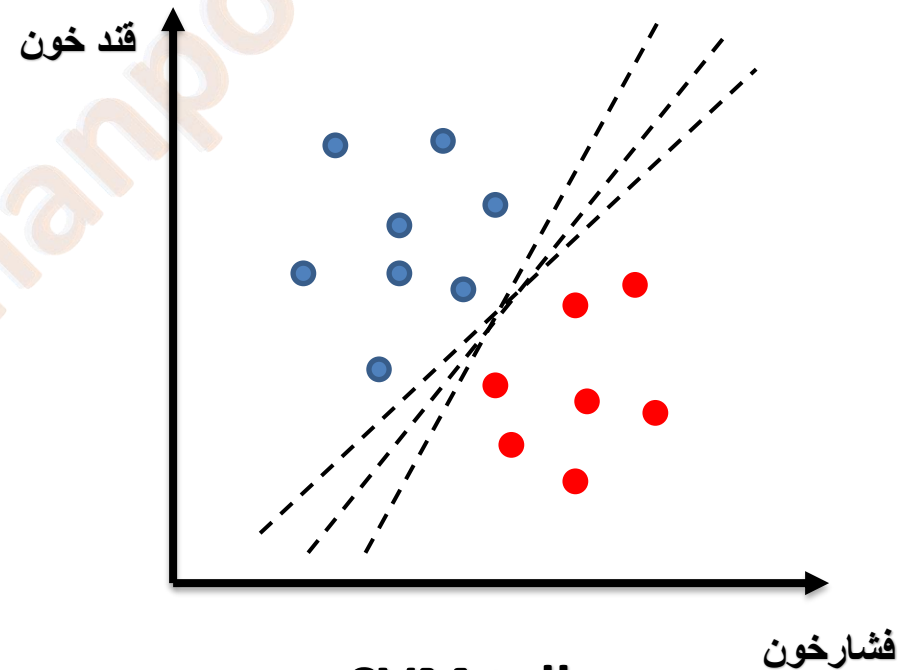
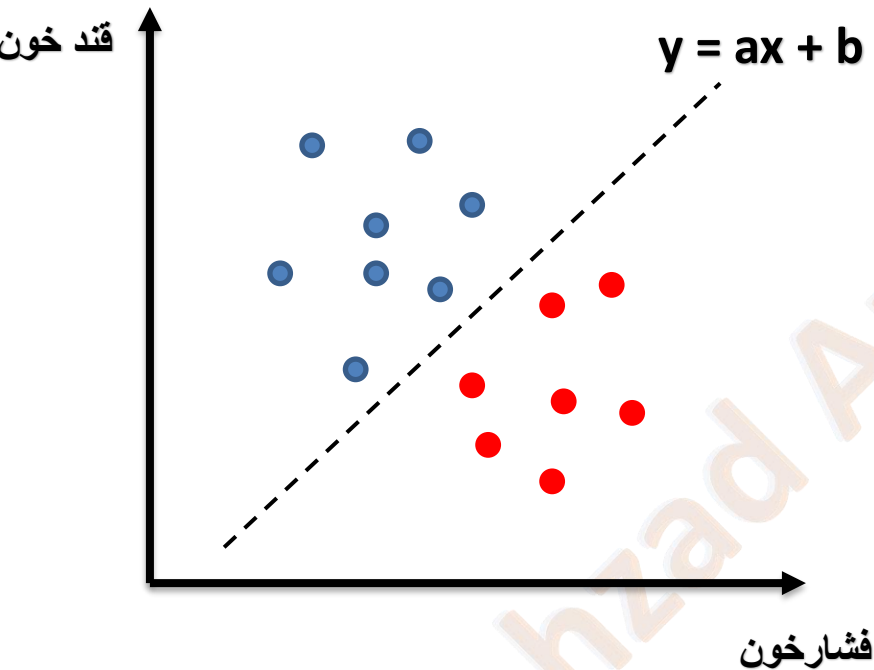
K Nearest Neighbor (KNN)



<https://debuggercafe.com/an-introduction-to-k-nearest-neighbors-in-machine-learning/>



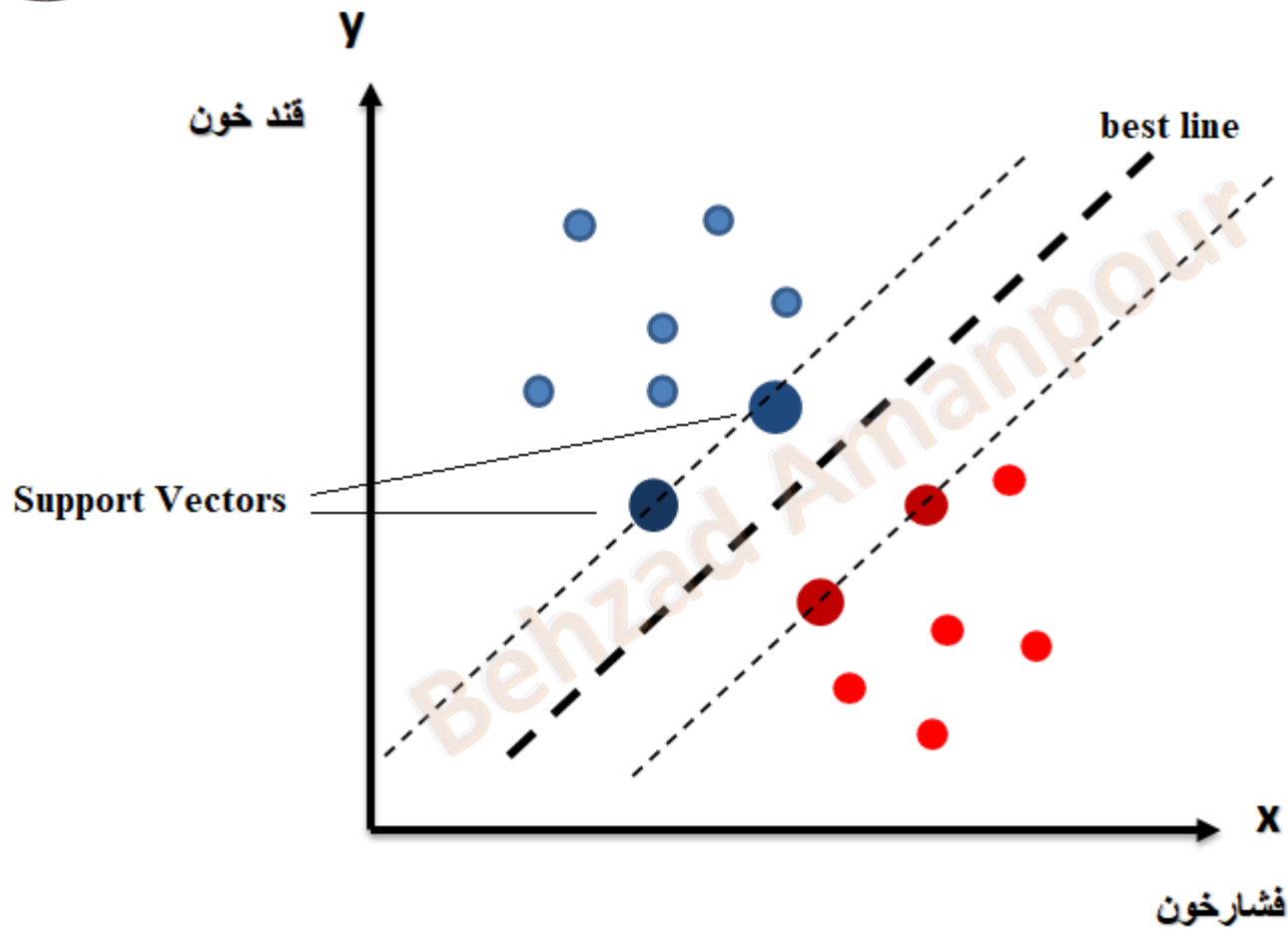
Support Vector Machine (SVM)



**SVM tells us
which line is better!**



Support Vectors

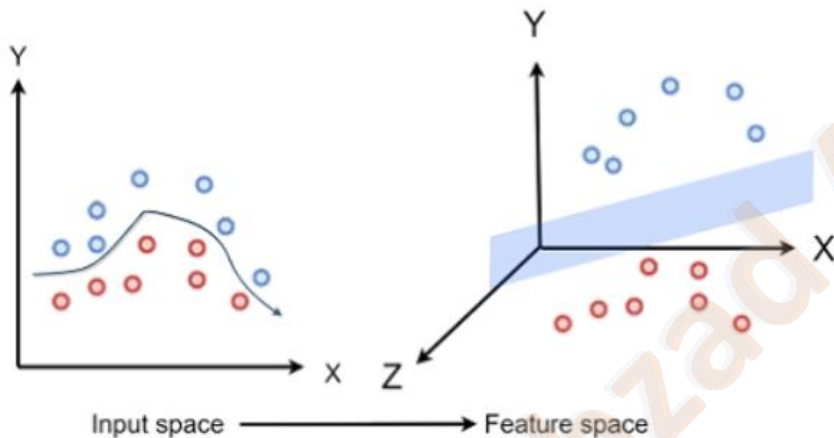




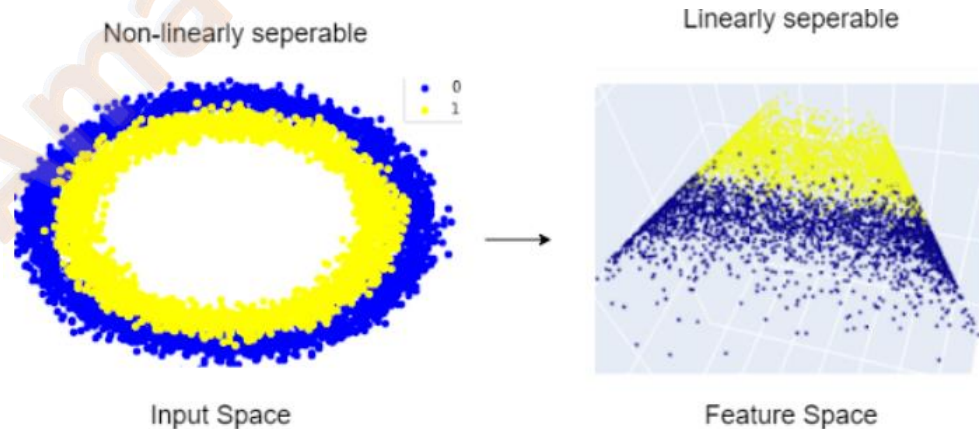
SVM Kernels

The kernel function converts a low-dimensional input space into a higher-dimensional space. In this space, the data will be linearly separable.

Polynomial Kernel



RBF Kernel



https://www.pycodemates.com/2022/10/the-rbf-kernel-in-svm-complete-guide.html?utm_content=cmp-true