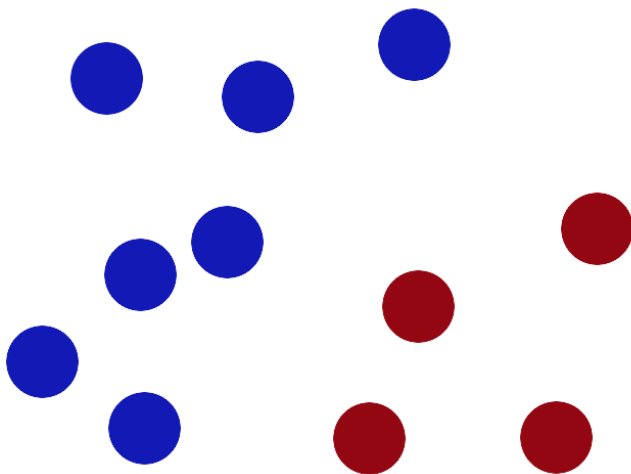


# Machine Learning

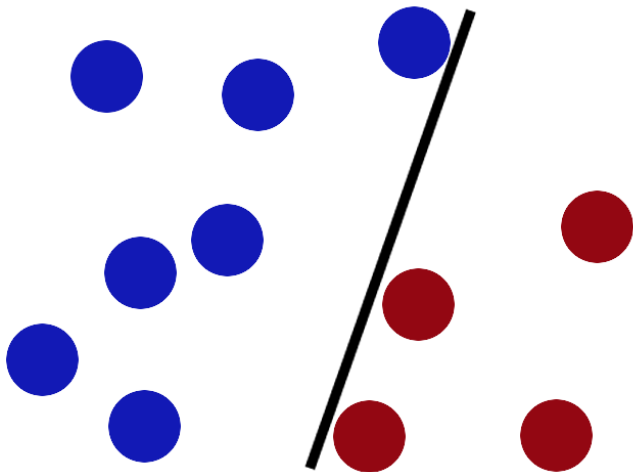
## Support Vector Machine

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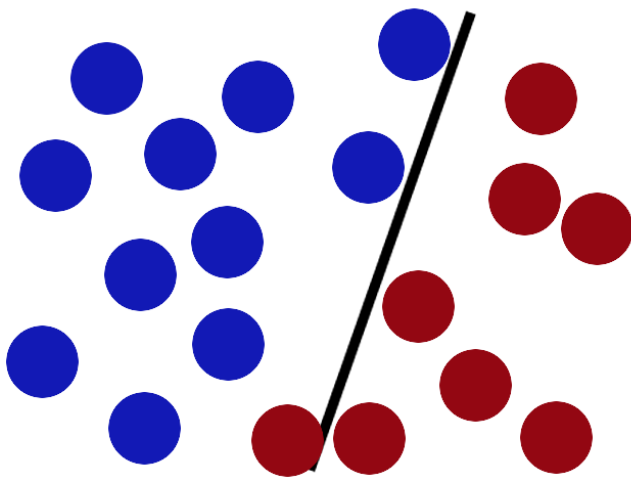
# Support Vector Machine



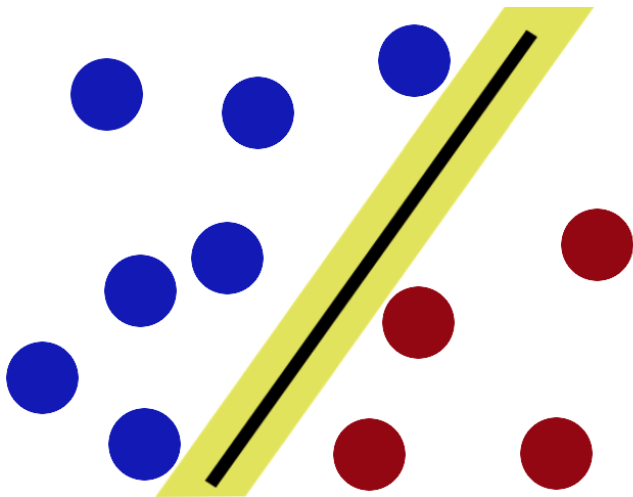
# Support Vector Machine



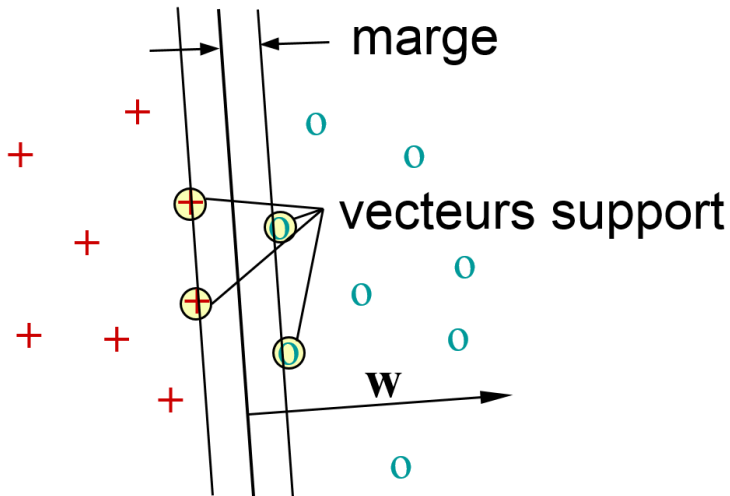
# Support Vector Machine



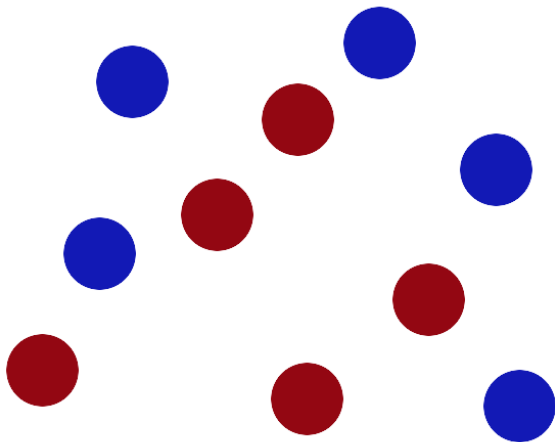
# Support Vector Machine



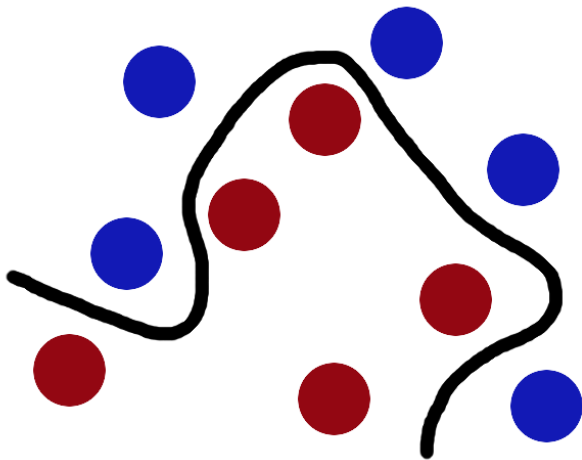
# Support Vector Machine



# Support Vector Machine

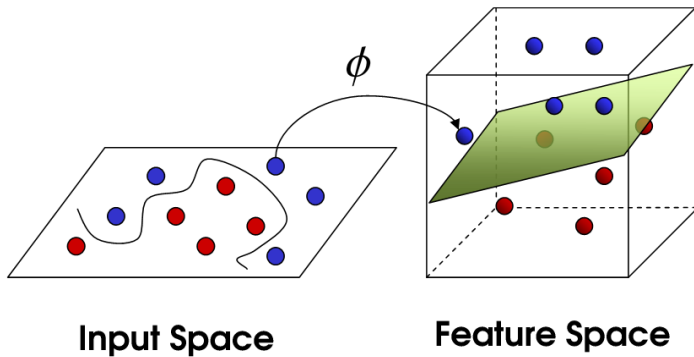


# Support Vector Machine





# Support Vector Machine



Généralisation à un problème de régression logistique à  $K > 2$  classes :

- One Vs All :  $K$  modèles. Agrégation par meilleur score.
- One Vs One :  $\frac{K(K-1)}{2}$  modèles. Vote majoritaire.