

# History of Machine Learning



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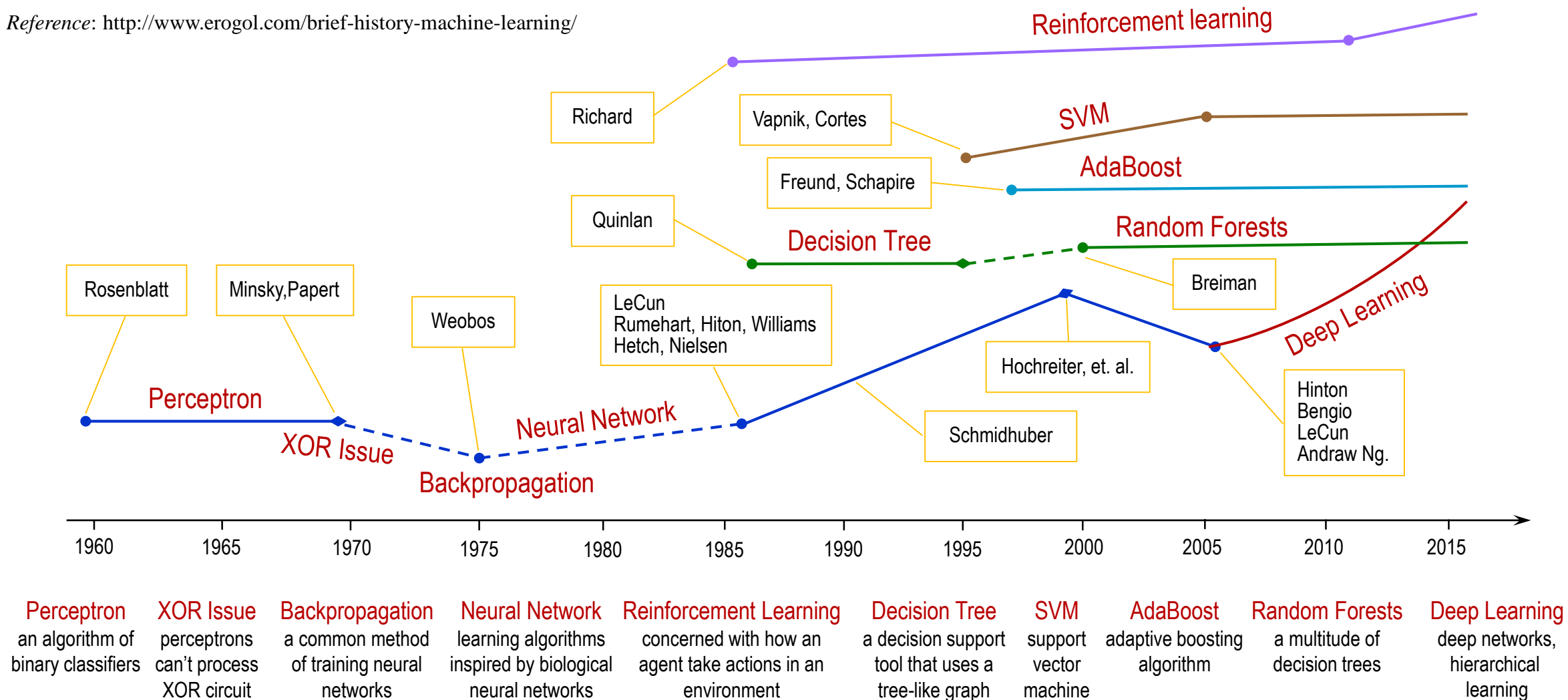
## 9. Perspectives about Machine Learning

### Contents:

- ☐ 9.1. What is Machine Learning
- ☐ 9.2. History of Machine Learning
- ☐ 9.3. Why Different Perspectives
- ☐ 9.4. Three Perspectives on Machine Learning
- ☐ 9.5. Applications and Terminologies

# Timeline of Machine Learning 机器学习的大事年表

Reference: <http://www.erogol.com/brief-history-machine-learning/>



## Three Parties of Machine Learning 机器学习的三个学派

### Connectionism 联结主义

also called Bionicsism,  
Physiologism.  
亦称仿生主义、生理学派

e.g., Perceptron, Artificial  
Neural Network, Deep  
learning.

### Symbolicism 符号主义

also called Logicism,  
Psychologism,  
Computerism.  
亦称逻辑主义、心理学派、  
计算机主义

e.g., Association Rules,  
Decision tree, Random  
Forests

### Behaviorism 行为主义

also called Actionism,  
Evolutionism,  
Cyberneticsism  
亦称行动主义、进化主义、  
控制论学派

e.g., Reinforcement  
learning

Thank you for your attention!

**AI**