EL PROBLEMA DE APRENDER

Basic premise of learning

"using a set of observations to uncover an underlying process"
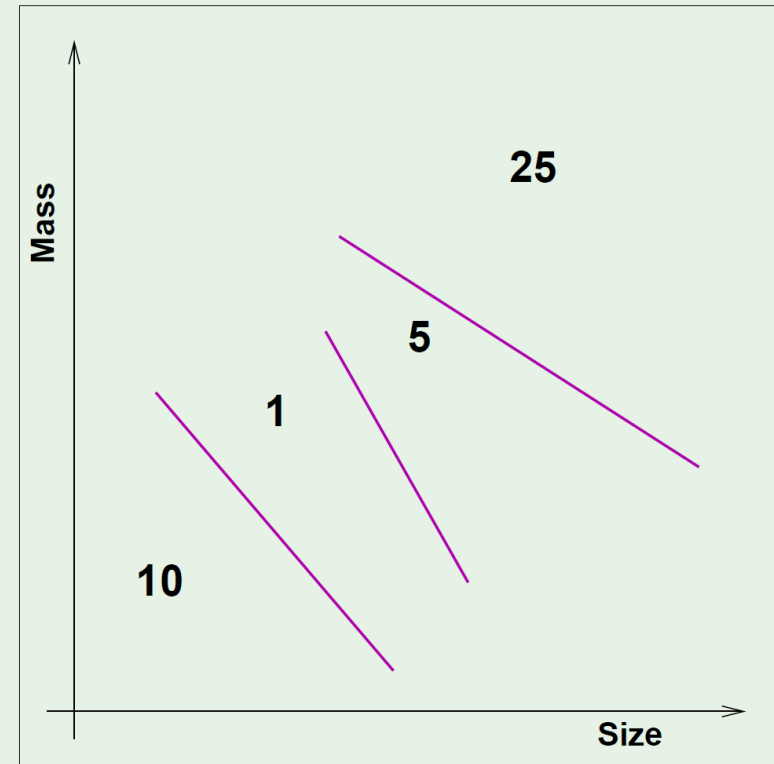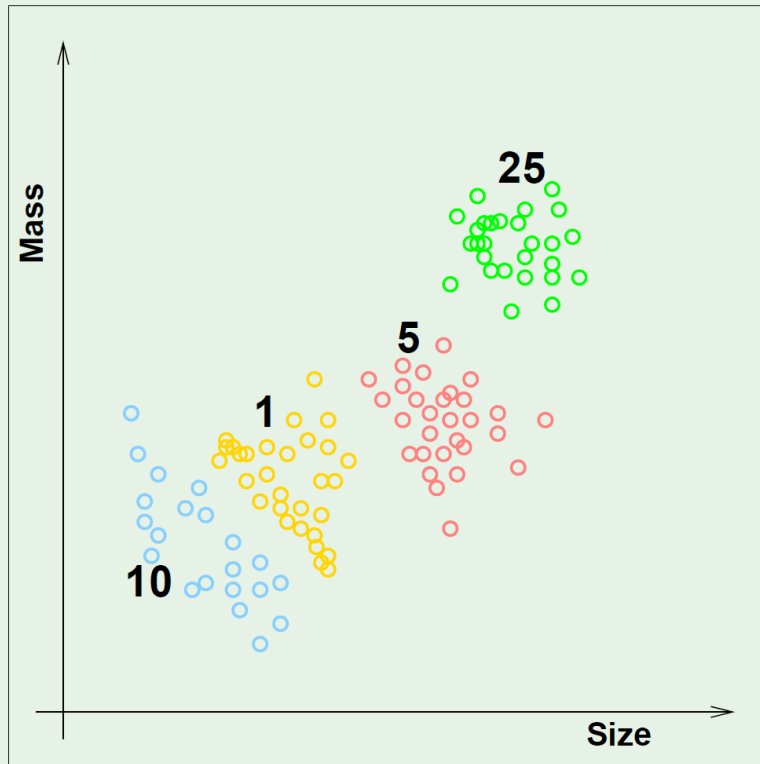
broad premise $\implies$ many variations

- Supervised Learning

- Unsupervised Learning

- Reinforcement Learning

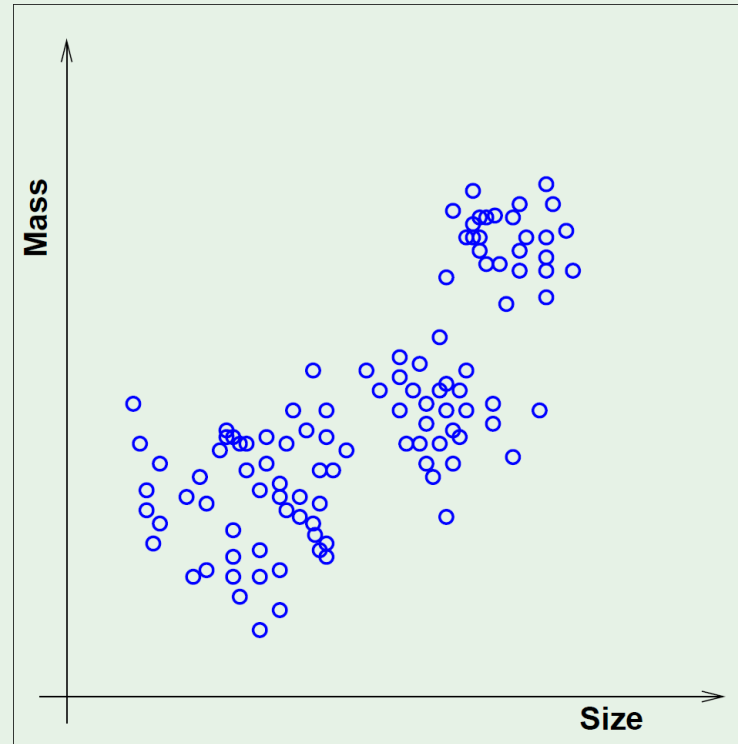# EL PROBLEMA DE APRENDER

Supervised learning

Example from vending machines – coin recognition
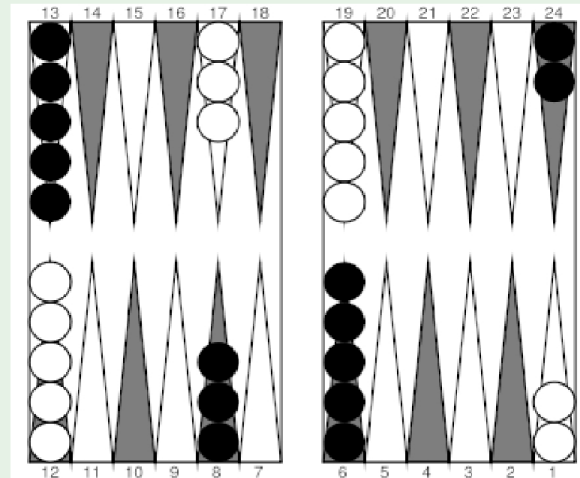
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Unsupervised learning

Instead of (input,correct output), we get (input, ?)

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Reinforcement learning

Instead of (input,correct output),
we get (input,*some* output,grade for this output)

The world champion was a neural network!