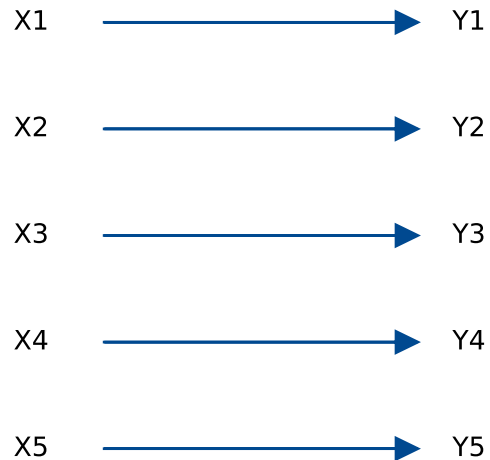


## Supervised Learning



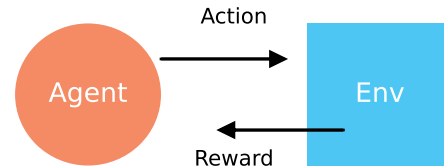
*Learn:  $f(X) = Y$*

## Unsupervised Learning



*Find: Structure in  $X$*

## Reinforcement Learning



*Learn: Optimal Policy  $\pi^*$*