Reward

Action

State

-eat Food +10

$$[1, 0, 0] \rightarrow Straight$$

Danger $[S,R,L]$

-game over -10

 $[0,1,0] \rightarrow Right Tota$

Direction $[L,R,U,D]$

Boolean values

 $[0,0,1] \rightarrow Left Tota$

Food $[L,R,U,D]$

Learning model

- O. 11.4 Q Value
- 1. Choose Action (Made . Ald EX (State))
- 2. Parform action
- 3. Measure Remard
- 4. Upote Q value (train model)