* Model Free Control

- Monte Carlo Control
 Sarsa
 Q (earning
 - 1 monte Carlo Control

Monte-Corlo prediction을 통해 Policy Evaluation을 수행했다.

이게 Policy improvement을 bnoka! -> greedy Policy 이상!

• 6 - Greedy Exploration -> 다른 Action도 자은 화결도 in 발생다!

$$\pi(a|s) = \begin{bmatrix} \frac{\varepsilon}{an} + (1-\varepsilon) & \text{if } \alpha = \underset{\alpha}{\text{argmax}} q_{\pi}(s,\alpha) & \longleftrightarrow \\ \frac{\varepsilon}{an} & \text{else} & & \\ \frac{\varepsilon}{an} & \text{else} & & \\ \frac{\varepsilon}{an} & \text{else} & & \\ \frac{\varepsilon}{an} & & \\ \frac{\varepsilon}{$$

Sarsa

→ off-Policy learing!

3 Q-learning

$$Q(Se,Ae) \leftarrow Q(Se,Ae) + d(Ren + 7Q(Sen,A') - Q(Se,Ae)$$

$$\downarrow \text{ improve}$$

$$A2r \Pi = 2f \text{ update!}$$

$$= Ren + rQ(Sen,A')$$

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