$$\min_{V(s)} \quad \frac{1}{N}\sum_{i=1}^{N} \left(V(s) - Q(s,a_i)\right)^2$$

$$\frac{1}{N}\sum_{i=1}^{N} \cancel{2}\left(V(s) - Q(s,a_i)\right) = 0 \longrightarrow$$

$$\boxed{V(s) = \frac{1}{N}\sum_{i=1}^{N} Q(s,a_i)}$$

$N \to \infty$

$$V(s) = \mathbb{E}_{a\sim\rho}\left[Q(s,a)\right]$$