Mean field

1. Select a family of distributions Q

$$Q = \{ q \mid q(z) = \prod_{i=1}^{d} q_i(z_i) \}$$

2. Find best approximation q(z) of $p^*(z)$:

$$\mathcal{KL}[q(z) \parallel p^*(z)] \to \min_{q \in Q}$$

