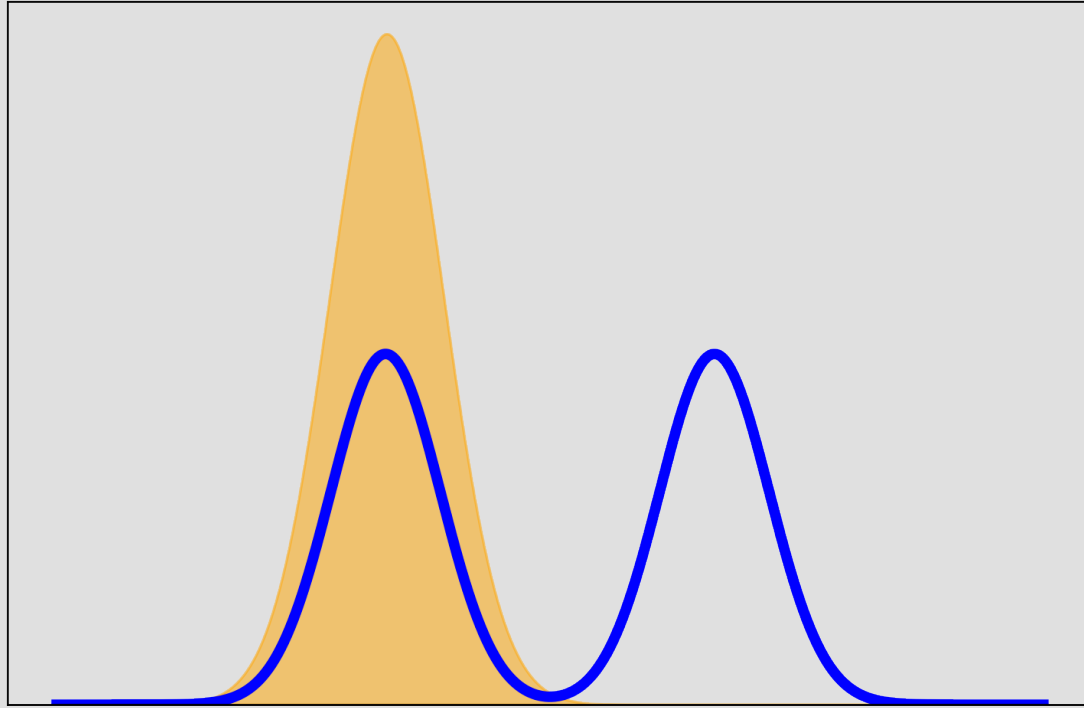# Optimization solutions



$$\mathcal{KL}(q \,\|\, p^*) = \int q(z) \log \frac{q(z)}{p^*(z)} dz = +\infty$$