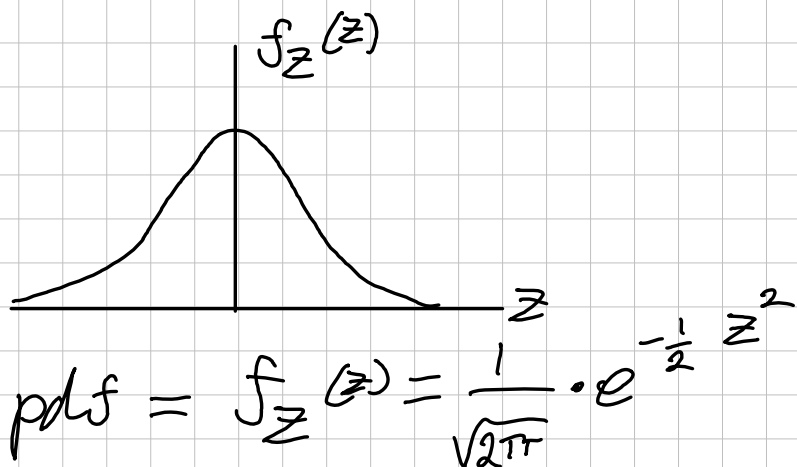


Standard normal

$$Z \sim N(0, 1)$$



$$\text{cdf} = F_Z(z) = \int_{-\infty}^z f_Z(u) du = \frac{1}{\sqrt{2\pi}} \cdot \int_{-\infty}^z e^{-\frac{1}{2} \cdot u^2} du = \Phi(z)$$

↑
norm cdf