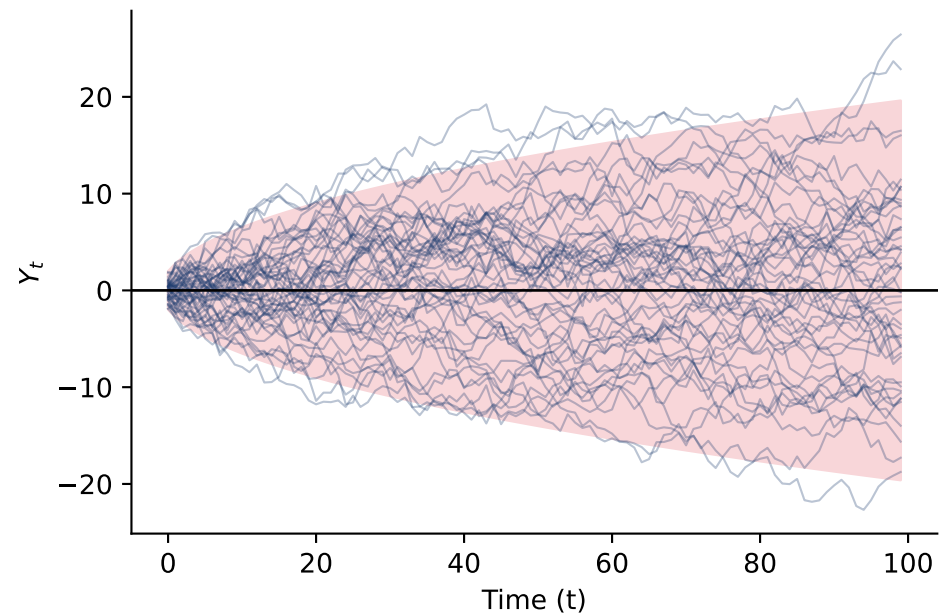


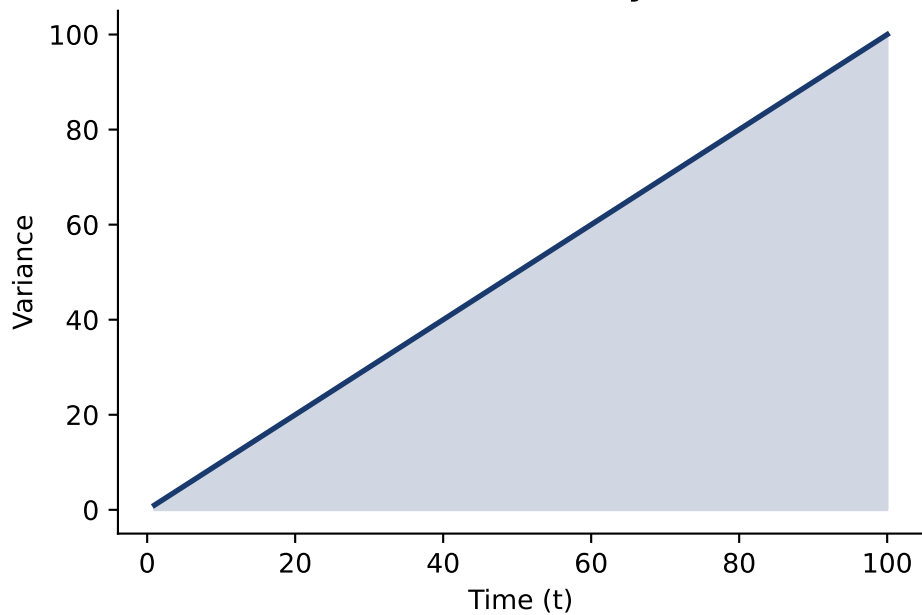
Random Walk Paths

$$Y_t = Y_{t-1} + \varepsilon_t$$



95% bounds

Variance Grows Linearly Non-stationary!



$\text{Var}(Y_t) = t\sigma^2$