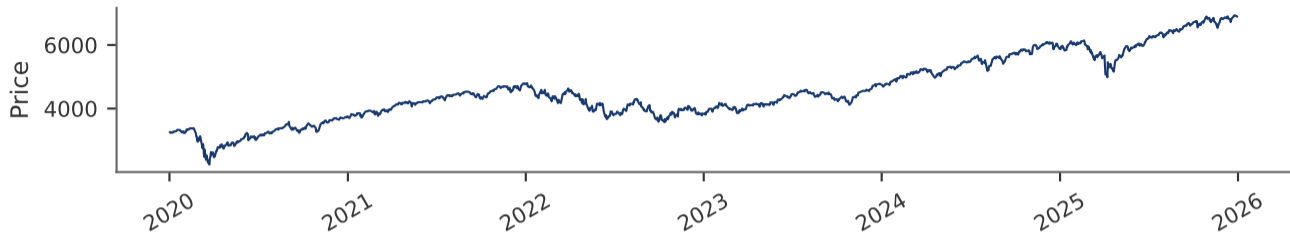


S&P 500: Prices (non-stationary, $I(1)$)



Log returns: $r_t = \ln P_t - \ln P_{t-1}$ (stationary)

