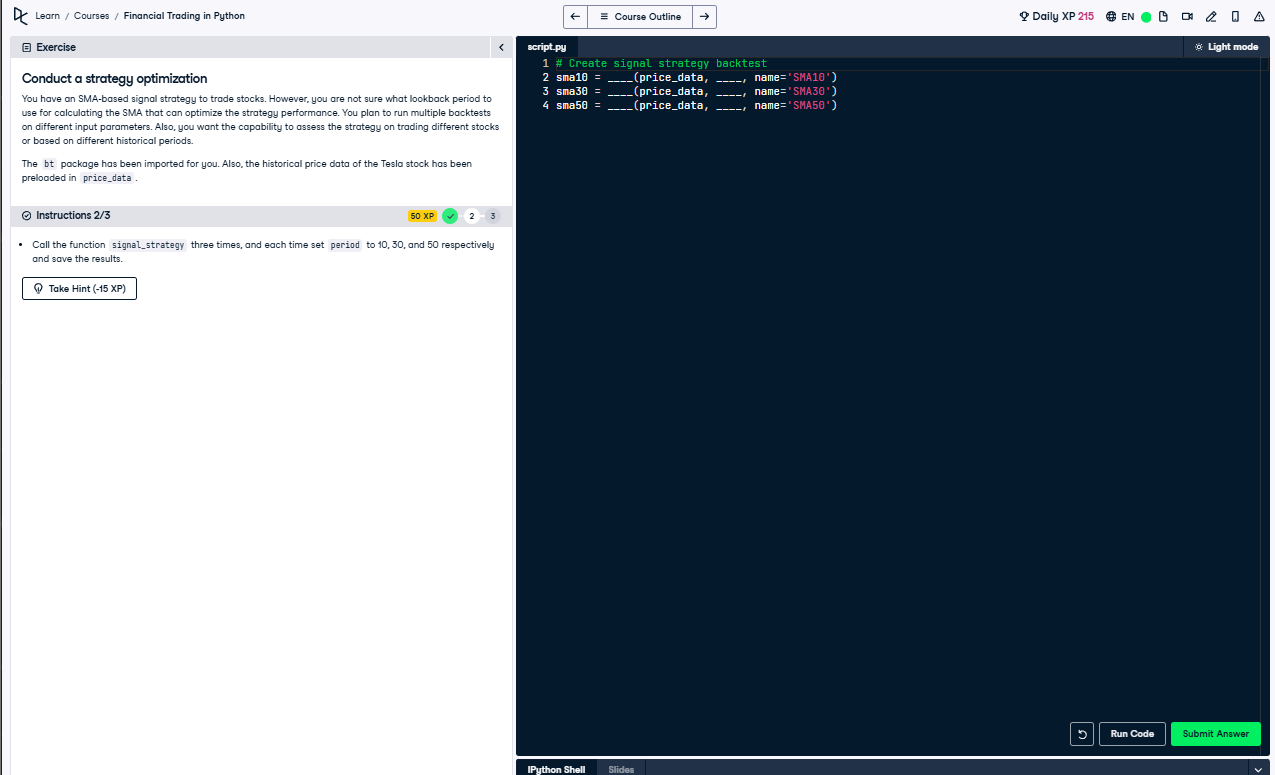
# Conducting Strategy Optimization with Multiple Periods



## Python Code

# Create signal strategy backtest  
sma10 = signal\_strategy(price\_data, 10, name='SMA10')  
sma30 = signal\_strategy(price\_data, 30, name='SMA30')  
sma50 = signal\_strategy(price\_data, 50, name='SMA50')

## Explanation

This code runs the signal strategy three times using different SMA periods (10, 30, 50). Each run creates a backtest to check how the strategy performs with different lookback windows. The results are stored in variables for comparison of each version’s trading effectiveness.