# Calculate and Review the Calmar Ratio

## Full Python Answer

# Get the CAGR  
cagr = resInfo.loc['cagr']  
print('Compound annual growth rate: %.4f' % cagr)  
  
# Get the max drawdown  
max\_drawdown = resInfo.loc['max\_drawdown']  
print('Maximum drawdown: %.2f' % max\_drawdown)  
  
# Calculate Calmar ratio manually  
calmar\_calc = cagr / max\_drawdown \* (-1)  
print('Calmar Ratio calculated: %.2f' % calmar\_calc)  
  
# Get the Calmar ratio  
calmar = resInfo.loc['calmar']  
print('Calmar Ratio: %.2f' % calmar)

## Simple Explanation

This code calculates the Calmar ratio, which measures return versus risk. It divides the CAGR by the maximum drawdown (multiplied by -1 to ensure positivity). A higher Calmar ratio means better risk-adjusted performance. The ratio is calculated manually, then also retrieved directly from the backtest result for validation.

## Screenshot

