**Backtest - Conditions**

Price trend can be:
    a) compare spot to EMA10 (a 1.5% move is considered normal, hence 0.985)
    b) compare spot to previous day's spot

Strikes considered -
A 2000 point range is considered, ideally the spot price would lie somewhere in the middle of the range. (for ex assume spot = 8400, range to 7500 to 9500)

    a) For Calls - sum of all OIs from the nearest higher 500 multiple to beyond
       (in above example :- 8500 to 9500)
    b) For puts - sum of all OIs from nearest lower 500 multiple to start
       (in above example 8000 to 7500)

Stop loss - 1% and 0.8% (can be adjusted)

| Price Trend | Options OI (OTM) | PCR (low pref) | MACD | Action |
|---|---|---|---|---|
| +ve | Call OI rises for two days OR (overall change >6%) | Not considered | Not considered | Enter Long |
| -ve | Put OI rises for two days OR (overall change >6%) | Not considered | Not considered | Enter Short |
| +ve | Put OI rises for two days OR (overall change >6%) | Increase from prev day | Diff <0 or Diff decreased by >10% from the prev day | Long closes |

| -ve | Call OI continuously rises for two days OR (overall change >6%) | Decrease from prev day | Diff>0 or Diff decreased by >5% from the prev day | Short closes |
|---|---|---|---|---|