*Read the previous messages of the task before moving on.*

**Language**: python  
**Libraries Found**: matplotlib, numpy, pandas

**Previous Conversation**:

**Final prompt**: I want to backtest stock market strategies using Python. A simple example would be to issue a Buy notification if the 8-period EMA crossed above the 11-period EMA, and a sell notification when the 8-period EMA crossed below the 11-period EMA. I already have a local database of 10 years of daily price and volume data which I will use as my test dataset. How can I backtest these kinds of strategies using Python programming? Include any popular or commonly-used Python libraries or backtesting frameworks.

it covers what the prompts asked for, it gives that libraries to use as the prompt asked and the code after it with the libraries mentioned earlier and the code has comments to explain everything so it is a clear response, but misses the detailed explanation and walking through steps, it is good for fast copy/paste code

it is explaining everything in terms of the code walking through the steps, so it is helpful but the problem is that it is not providing the full code so someone can copy and paste it for fast usage, but overall it is detailed, because it is a walking through step by step guide and explaining

* If the rating is 5 then add: ***The response is perfectly helpful.***
* If the rating is 4 then add: ***The response is mostly helpful.***
* If the rating is 3 then add: ***The response is partially helpful.***
* If the rating is 2 then add: ***The response is slightly helpful.***
* If the rating is 1 then add: ***The response is not helpful.***