

10 Questions to ask

1. Why did you choose to focus on bank stocks?
 - a. I thought it would be helpful to focus on a sector of the market. The idea is that, given multiple choices within a sector, users could use the data I provide to make a more informed decision.
2. Are there any issues with using AlphaVantage?
 - a. There is a limit to 5 pulls a minute via the API. I don't see this as being an issue though as I'm only providing daily closing prices.
3. Is it unethical to make stock advisements?
 - a. I would say that it would be unethical if I didn't provide the details of how I arrived at the suggestion and if I didn't also provide the MAPE & RMSE.
4. Is it a problem that Discover has less data than the other stocks?
 - a. The performance for Discover's predictions were actually one of the best in my project.
5. Why did you choose to focus on closing stock prices?
 - a. Besides day traders, most folks are interested mainly in the closing price to know how much the stock is worth.
6. Why did you choose to use RMSE & MAPE to gauge the prediction accuracy?
 - a. RMSE & MAPE are traditional tools to gauge accuracy. Using a newer tool (Prophet) I wanted to ensure I was using standard tools to gauge the efficacy of the model.
7. Why are did you choose to only look 3 days into the future?
 - a. I felt that 3 days was an appropriate amount of time to allow the predictions to fluctuate.
8. Can this model be applied to other stocks?
 - a. Absolutely! The list in the code can be altered to look up any stock.
9. Can you test the accuracy based on how far in the future you're predicting?
 - a. This is something I could implement in future versions.
10. Why would Facebook make Prophet open source?
 - a. I would imagine that Facebook has decided to make this product open source in order to use the open source community to make improvements on its own tool.