

1. Collect data on other markets (say NSE), include in your model and analyse results.
2. Deployment: [Save](#) your trained model having the best performance. Create a pipeline (as a function) to automate steps from data extraction to model input (given any similar data) followed by loading the saved model and performing the prediction on the model input. Develop a ML web service wherein when a user uploads a historical data file on a link (at your local server), the direction of the market is predicted and displayed. For this, use [FastAPI](#) or [Flask](#) with the function embedded.
3. Final Deliverables:
 - a. Week 2 Time Series Forecasting Assignment Code Notebook
 - b. Week 5 3D CNN Classification Assignment Code Notebook
 - c. Week 6 Research Paper Summary Assignment Document
 - d. Week 7 Summary Document on your work with Data + Codes
 - e. Week 8 CNN Model Design Document + Code Notebook
 - f. Week 9 CNN Model Improve/Analyse Document + Codes
 - g. Week 10 Code + Display for all work done as part of 1 & 2
4. GitHub Repository: **Deadline 28th July'22 11:59 PM**
Details (Official by SoC Team):
 - **Upload all the work you've done into a single repository.** It can include reports, code, etc. all the files that you've worked on for your project. It is mandatory to make a **detailed README**. It should include the date/phase when you worked over it and a short description of all the files.
 - Try to make folders and arrange the files in such a way that it is easy for us to go through your submission.
 - Submission Link: <https://forms.gle/hb4xcuwqafky1LYN9>
5. Documentation and Video Presentation: **Deadline 31st Jul'22 11:59 PM**
Details (Official by SoC Team):
 - a. Please adhere to the template provided. Make a copy of it and submit its link in the form below. Template : [SoC Summer 2022 Final Doc Template | Learning](#)
 - b. Video Guidelines:

Flow of the video (should not exceed 2.5 mins)

 - Give a brief introduction of your team
 - Explain the idea behind the project
 - Please show your project (DEMO, e.g. with working/performing the desired action of the code + PPT to present your project)
 - Takeaways from the project (learning, future plans, etc.)

Note: You can shoot your video in your own creative way but try to make it good and stable. It isn't necessary to record all the videos just by sitting in one place (except the intro part). You can take panning shots, cinematic shots as you want.
 - c. Submission Link: <https://forms.gle/F8gHPARUEeXoboVN9>
6. For to-be thirdies: For resume verification, checkpoint 1 & 2 will be taken into consideration. If your project is still in progress you can only mention it as an ONGOING PROJECT. If your project is already completed and meets the targets set at the start, you can mention it as a completed project after filling the submission form. The deadline to do so is - 21st July, 11:59 PM since the resume verification deadline is also 22nd July.