

## **Setup on Local System:**

1. Install NodeJs for authentication server, npm for ReactJS Frontend, Xampp to host SQL database locally, Python 3.x+ for hosting API server that serves requests for model prediction.
2. Put your npy data files in the folder in Frontend.zip > Data Samples > ROI\_Region\_(put folder name here) > Season\_name(put folder name here)
3. Similarly put this data in the above format outside of this folder for API server. (Because for deployment all will split into two separate servers)
4. Open xampp and active sql and apache server.
5. Create Database by name “fyp\_db” (You may change name and then change it on the config file for node as well).
6. Import feedback.sql file in the database to create required table. File is placed in Frontend.zip
7. To open node server, go to Frontend.zip > node and run this command on cmd “node index.js”
8. Now, to run API server, go to Server.zip > server and run the python file named “api.py”
9. Now all the backend work is done, to open website server run this command in the Frontend.zip folder: “npm start”
10. This will start hosting and rendering the website locally on localhost:3000