

## **PROJECT DEVELOPMENT PHASE**

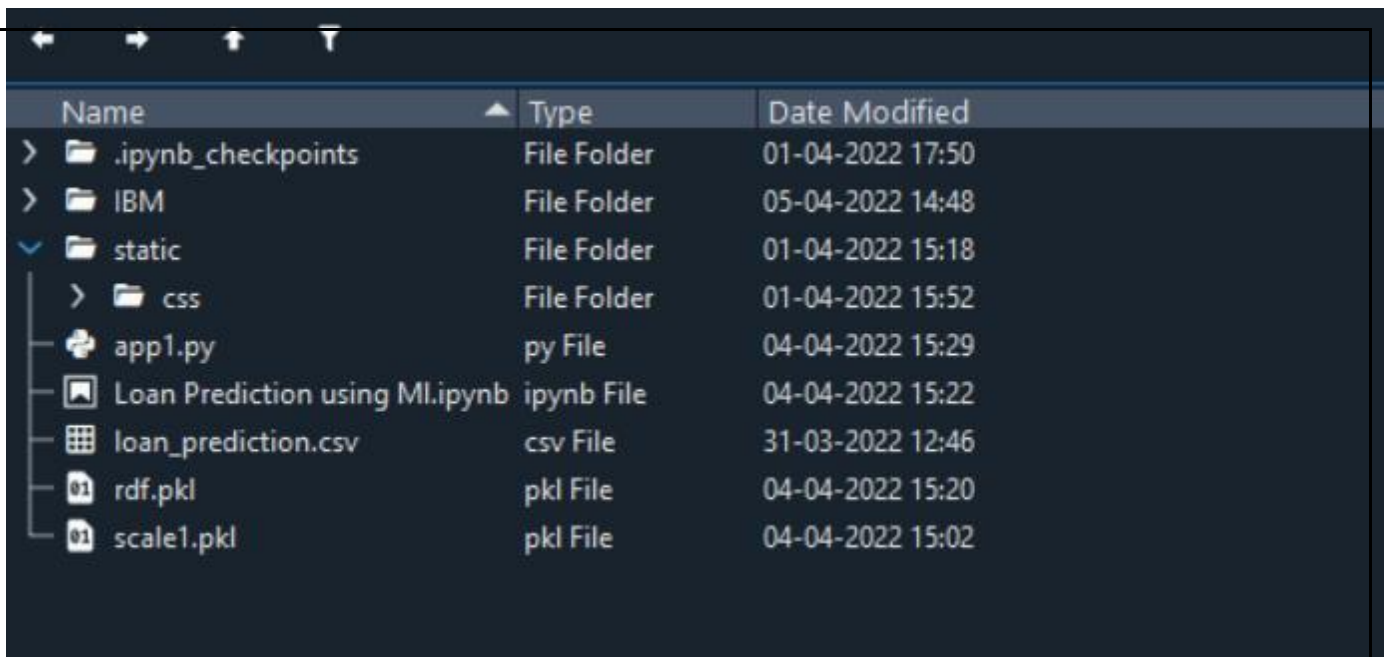
### **PROJECT STRUCTURE**

DATE	29 October 2022	
TEAM ID	PNT2022TMID34269	
PROJECT TITLE	Smart Lender - Applicant Credibility Prediction for Loan Approval	
TEAM MEMBERS	Pon Malar.J	960519104053
	Poornima.S	960519104055
	Prathiba.P	960519104056
	Chonali	960519104020
	Nachiyar.M	960519104020

### **Smart Lender - Applicant Credibility Prediction for Loan Approval**

#### **Project Structure**

Create a Project folder that contains files as shown below



The screenshot shows a file explorer window with a dark theme. The file list is as follows:

Name	Type	Date Modified
> .ipynb_checkpoints	File Folder	01-04-2022 17:50
> IBM	File Folder	05-04-2022 14:48
✓ static	File Folder	01-04-2022 15:18
> css	File Folder	01-04-2022 15:52
app1.py	py File	04-04-2022 15:29
Loan Prediction using ML.ipynb	ipynb File	04-04-2022 15:22
loan_prediction.csv	csv File	31-03-2022 12:46
rdf.pkl	pkl File	04-04-2022 15:20
scale1.pkl	pkl File	04-04-2022 15:02

#### ***Project Structure***

- . We are building a Flask Application that needs HTML pages “home.html”, “index.html” stored in the templates folder and a python script app.py for server-side scripting
- . The model is built in the notebook floods.ipynb
- . We need the model which is saved and the saved model in this content is floods.save and transform.save
- . The templates mainly used here are “home.html”, ”chance.html”, ”no chance.html”, “index.html” for showcasing the UI
- . The flask app is denoted as app.py
- . IBM scoring endpoint consists of templates and app.py