



[Course](#) > [Module 5 - Deep Learning Project](#) > [Project Submission](#) > Submitting Your Project

## Submitting Your Project

### 4. Submit your project for Peer Review

#### Instruction to Submitting Your Project

1. Below in the section **Your Response** click on the button **Choose Files** then click on "ML0122EN-Project-LSTM-CharacterModelling-PowerAI.ipynb" then press **Choose**.

The screenshot shows the edX interface for submitting a project. A file selection dialog is open, displaying the 'Downloads' folder. The file 'ML0122EN-Project-LSTM-CharacterModelling-PowerAI.ipynb' is selected. The background shows the 'Your Response' section, which is currently empty. The 'Choose Files' button is highlighted in the 'Your Response' section.

**edX** IBMDev Using  
Course Discussion  
Course > Module 5 - Deep Learning Project > Project Submission > Submitting Your Project  
Help yilengyao10  
Next >  
VIEW UNIT IN STUDIO  
IN PROGRESS  
1 Your Response  
Enter your response to the prompt. You can save your progress and return to complete your response at any time. After you submit your response, you cannot edit it.  
The prompt for this section  
Please upload the file for your project below.  
Choose Files no files selected Upload files  
You may continue to work on your response until you submit it.  
Submit your response and move to the next step

2. Before you can upload your file you need to give it a name, give it a meaningful name such as "GPU\_Project" then click on **Upload files**, and then click on **Submit your response and move to the next step**.

The screenshot shows the IBM Developer Skills Network submission page for the course "Using GPUs to Scale and Speed-up Deep Learning". The user is logged in as "yilengyao10". The navigation bar includes links for Course, Discussion, Wiki, Resources, Progress, and Instructor. The breadcrumb trail is "Course > Module 5 - Deep Learning Project > Project Submission > Unit". The page title is "Unit" with a "Bookmark this page" link. A "VIEW UNIT IN STUDIO" button is in the top right. The main section is titled "OPEN RESPONSE ASSESSMENT" and includes a note: "This assignment has several steps. In the first step, you'll provide a response to the prompt. The other steps appear below the Your Response field." A progress bar shows "1 Your Response" as the current step, with a blue "IN PROGRESS" label. The prompt for this section is "Please upload the file for your project below." Below the prompt, there is a "Choose Files" button, a file name "ML0122EN-Pro...werAI.ipynb", and an "Upload files" button. A text area for the response is labeled "Describe ML0122EN-Project-LSTM-CharacterModelling-PowerAI.ipynb (required):" and contains the text "GPU\_Project". A note below the text area says "You may continue to work on your response until you submit it." At the bottom, there is a "Submit your response and move to the next step" button.

Congratulations! You have submitted your project, the last step left to getting your mark for this project is to assess your peer's project. The instruction to assessing your peer's project is given below.

SUBMIT YOUR PROJECT HERE:

### Status

This assignment is in progress. You still need to complete the peer assessment step.

▸ **Your Response** due Jan 1, 2029 08:00 +08 (in 9 years, 10 months)

✓ **COMPLETE**

▾ **Assess Peers** due Jan 1, 2040 08:00 +08 (in 20 years, 10 months)

**IN PROGRESS (1 OF 1)**

Read and assess the following response from one of your peers.

#### The question for this section

The following is the link to a template to the solution to the assignment, you can use it as a reference when marking your peer's assignment.

##### Solution Template

This is a solution template, please only use the output of the cells of the questions in this notebook as a reference when grading your peer's assignment. The output on peer's project may differ from the output in this notebook but they might still be correct as long as they satisfy the criteria in the grading rubric.

#### Associated Files

##### CPU vs GPU performance

Caution: These files were uploaded by another course learner and have not been verified, screened, approved, reviewed, or endorsed by the site administrator. If you access the files, you do so at your own risk.)

#### ▼ Question 1: Train your LSTM model on the CPU

After filling in the missing codes, you should be able to run your peer's LSTM model for character prediction on the CPU, and output the text generated and the duration for running each batch.

---

☐ **Poor**

No code was written in the part of the question that requires your peer to fill in missing code.

Or your code does not make logical sense.

0 POINTS

---

☐ **Fair**

Your peer's code makes logical sense even if the output generates some errors.

3 POINTS

---

☐ **Good**

You are able to generate text with your peer's LSTM model for character prediction, and you are able to output the duration of training your data for each batch.

5 POINTS

▼ **Question 2: Train your LSTM model on the GPU**

**After filling in the missing codes, you should be able to run your peer's LSTM model for character prediction on the GPU, and output the text generated and the duration for running each batch.**

---

☐ **Poor**

No code was written in the part of the question that requires your peer to fill in missing code.

Or your code does not make logical sense.

0 POINTS

---

☐ **Fair**

Your peer's code makes logical sense even if the output generates some errors.

3 POINTS

---

☐ **Good**

You are able to generate text with your peer's LSTM model for character prediction, and you are able to output the duration of training your data for each batch.

5 POINTS

▼ Question 3: Graph comparing CPU and GPU

Your peer's code should generate a plot that compares the performance of training a Deep Learning model on the CPU versus training a Deep Learning model on a GPU.

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☐ Poor

The code does not generate a graph that shows the performance of training the LSTM model on the CPU or the GPU.

0 POINTS

---

☐ Fair

The code generates a graph that shows the performance of training the LSTM model on the CPU or the GPU. But it does not demonstrate that training the model on the GPU is significantly faster than training the model on the CPU

3 POINTS

---

☐ Excellent

The code generates a graph that shows the performance of training the LSTM model on the CPU versus training the LSTM model on the GPU.

5 POINTS

---

I think that this response...

Submit your assessment and move to next step

▸ Your Grade: Not Completed

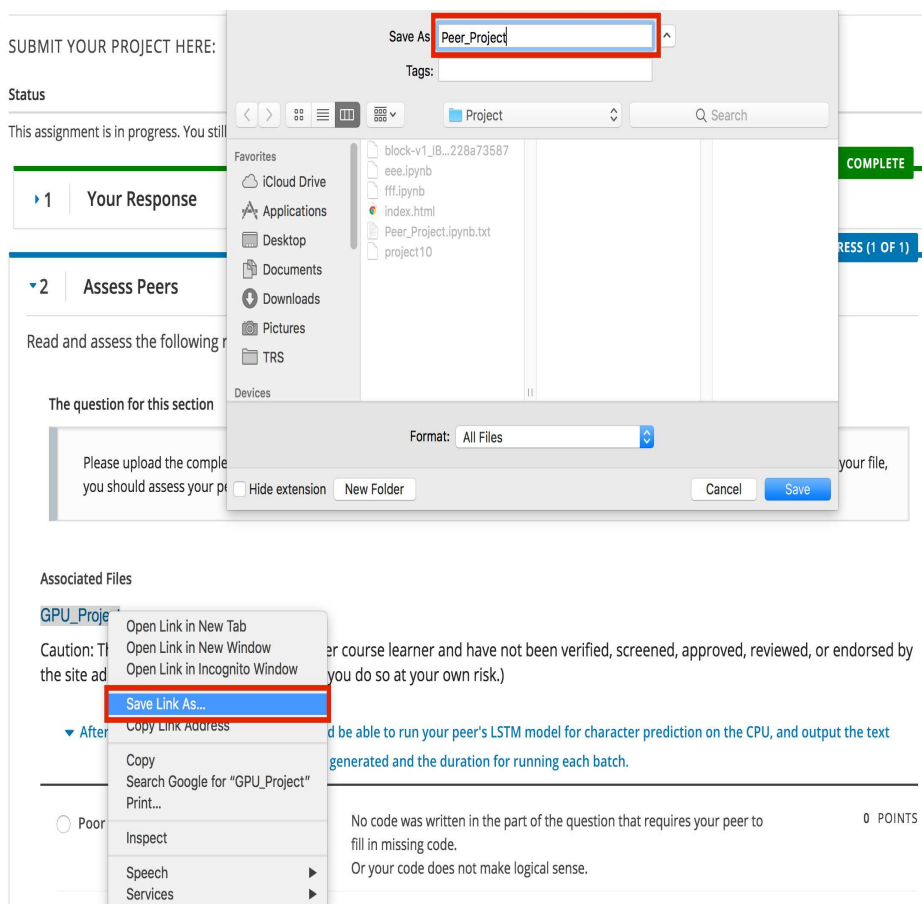
## Instruction to Assessing Your Peer's Project

To evaluate your peer's project you must load their Jupyter file on **Cognitive Class - Labs for IBM PowerAI** and run it there.

Below are the instructions to opening your project on **Cognitive Class - Labs for IBM PowerAI**

1. After you submitted your project, you are in the section "Assess Peers", the file to your peer's assignment is under **Associated Files**.


Right right click on the file and click on **Save Link As...**, give the file a meaningful name such as "Peer\_Project", and then click **Save**.

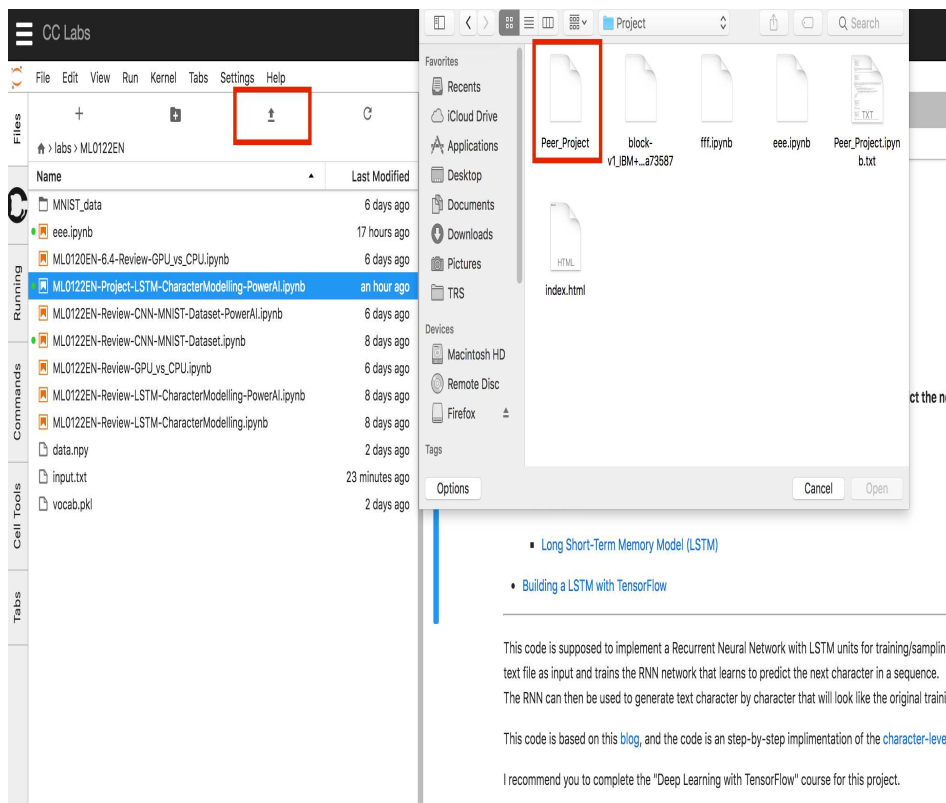


2. If your **Cognitive Class - Labs for IBM PowerAI** is already opened go to it, if it is not you can click the **View resource in a new window** below to open the lab environment to run your peer's project.

## Opening Jupyter Lab on IBM PowerAI (External resource)

[View resource in a new window](#)

3. Once you are in **Cognitive Class - Labs for IBM PowerAI** click on the upload button  highlighted with a red rectangular border in the image below. Then select your peer's project file to upload.



4. After you uploaded your peer's file on **Cognitive Class - Labs for IBM PowerAI**, rename it by modifying its extension to **.ipynb**.

The screenshot shows the CC Labs interface. On the left is a file browser for the 'labs > ML0122EN' directory. It lists various files including 'MNIST\_data', 'eee.ipynb', and several 'ML0122EN-Review-...' files. The file 'Peer\_Project.ipynb' is highlighted with a red box and a blue selection bar, indicating it is the active file. On the right, the notebook viewer displays the 'Project: Prediti' title and a list of sections: 'Introduction', 'Architectures', and 'Long Short-Term N'.

You are now set up to evaluate your peer's project.

## Note!

- If you cannot download the file to your peer's project or if you see the error indicated below when you open your peer's project on **Cognitive Class - Labs for IBM PowerAI**, it means that the link to your peer's project on EdX has been expired. You should refresh your EdX browser and repeat step 1 of **Assessing your Peer's Project**.

