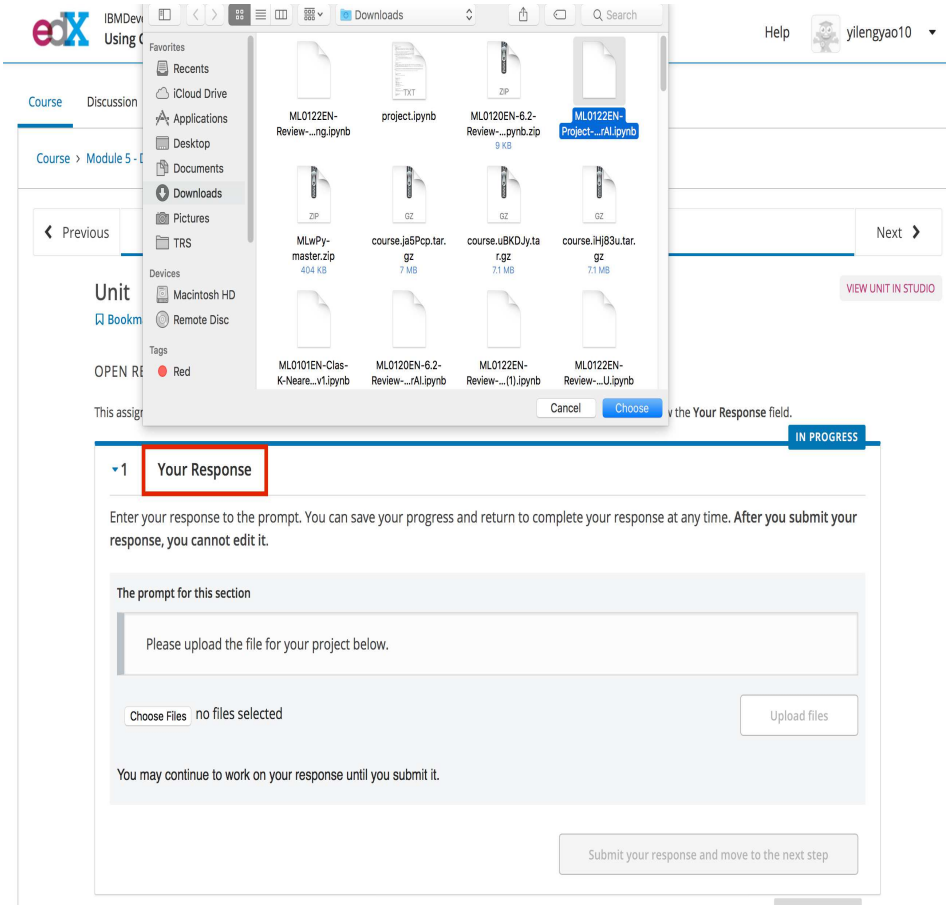
Submitting Your Project

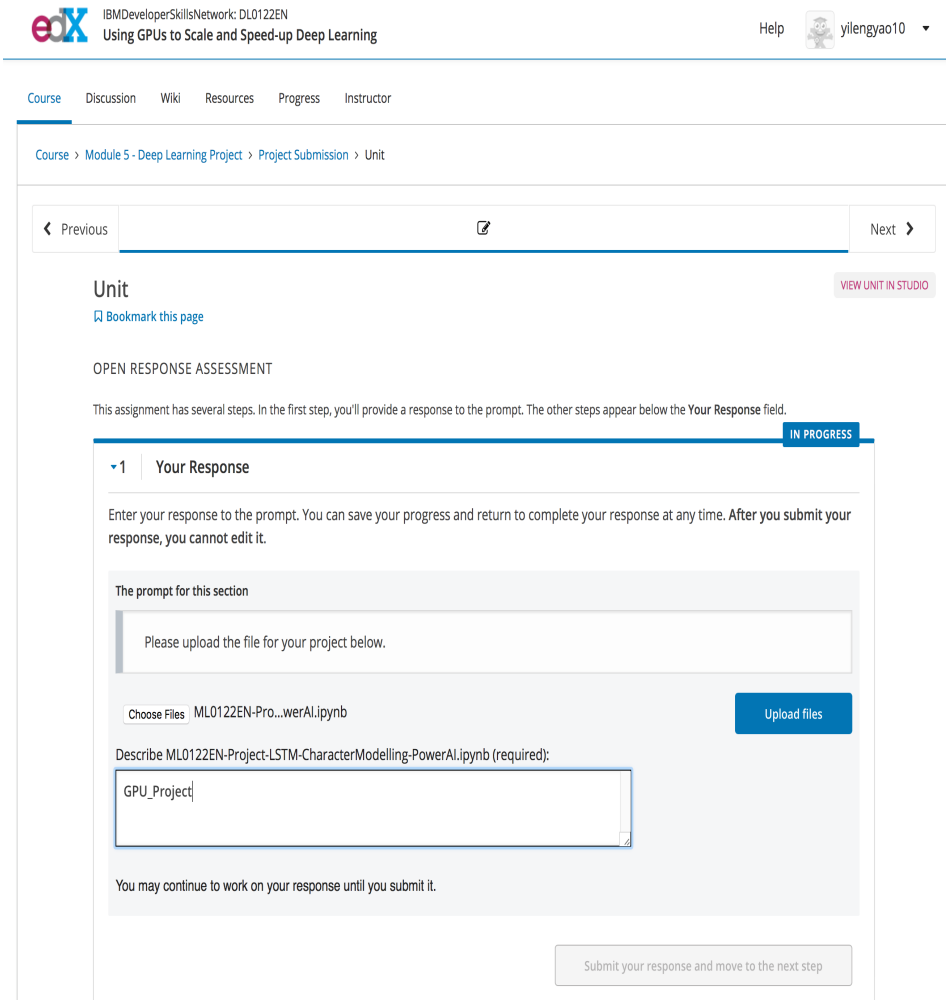
4. Submit your project for Peer Review

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**.



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**.



Congraduations! 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.

○ **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**

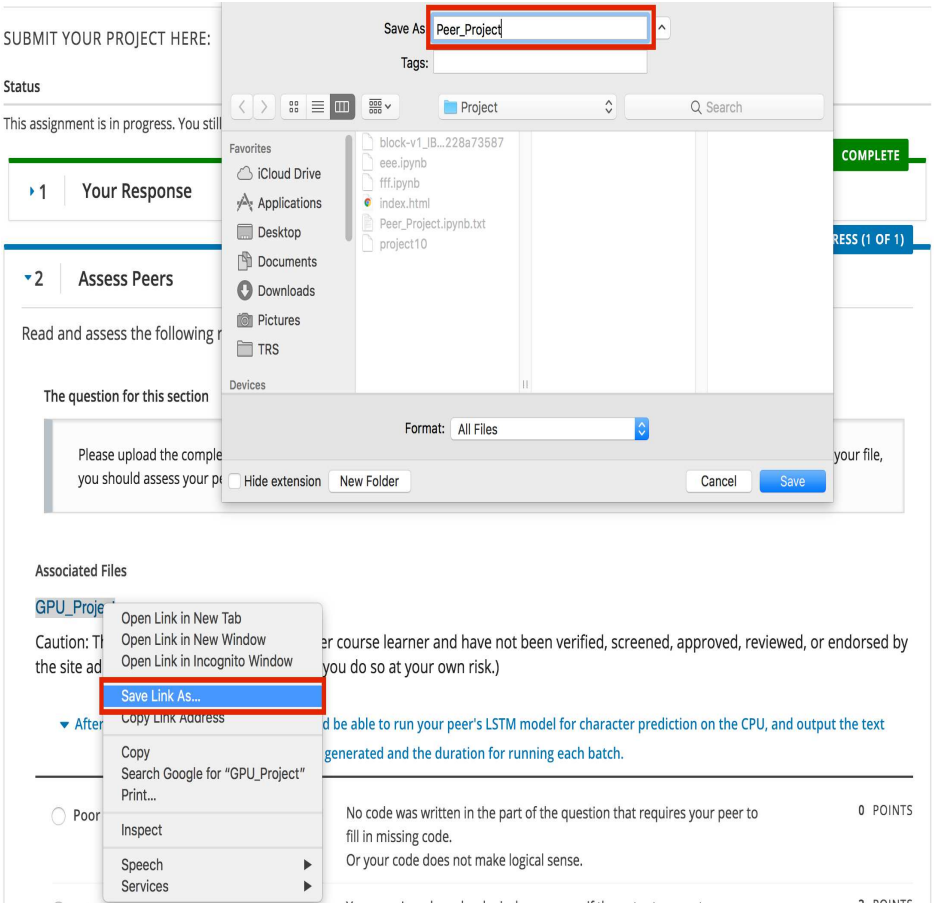
Instruction to Assessing Your Peer's Project

To evaluate you 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

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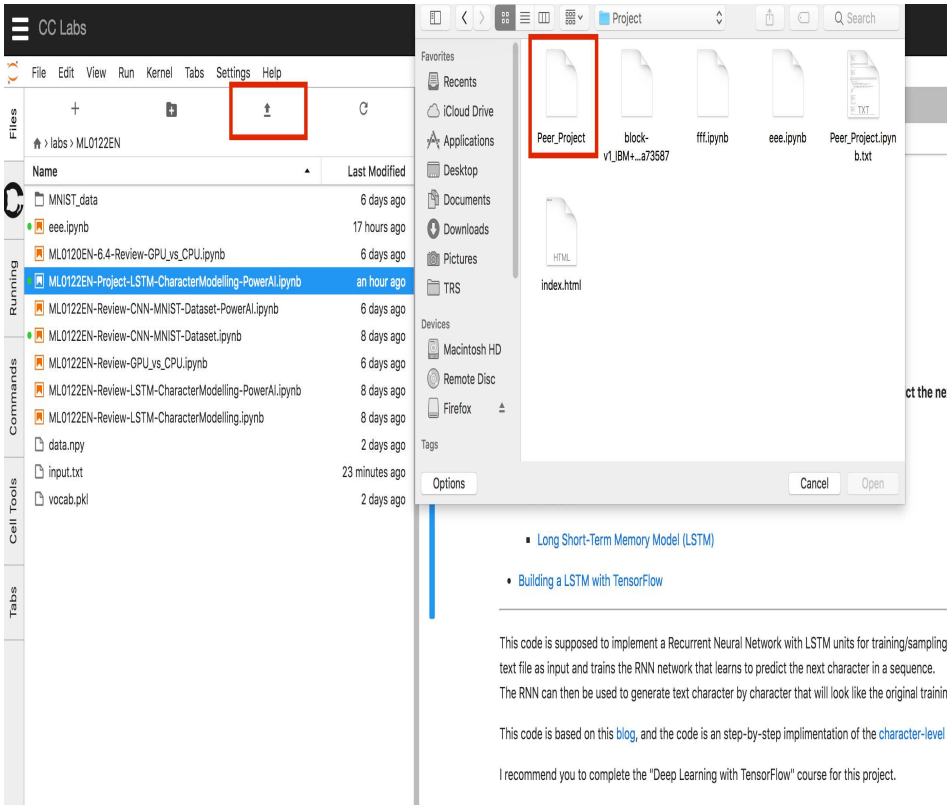
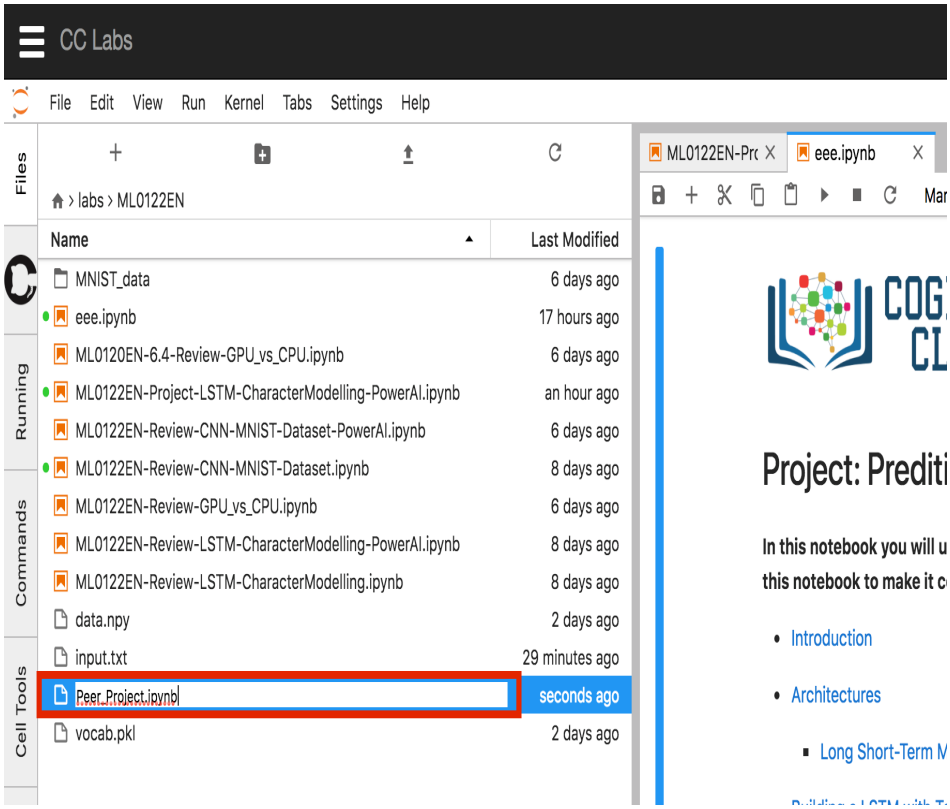
3. Once you are in **Cognitive Class - Labs for IBM PowerAI** click on the upload button
   highlighted with a red rectangular border in the image below. Then select your peer's project file to upload.



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



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.**