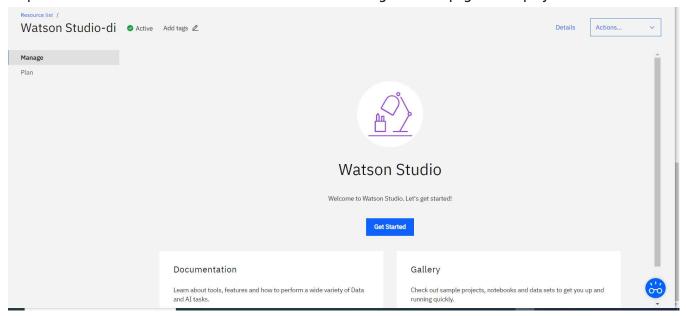


Hands-on Lab: Publishing notebooks from Watson to Github

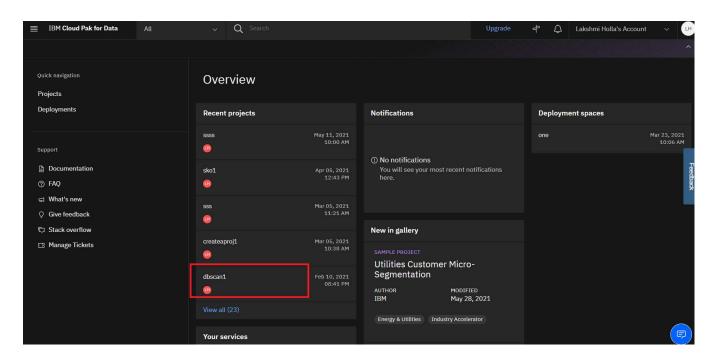
Effort: 20 mins

Step 1: Click on the Get Started Link of Watson Studio to navigate to the page where projects are listed.

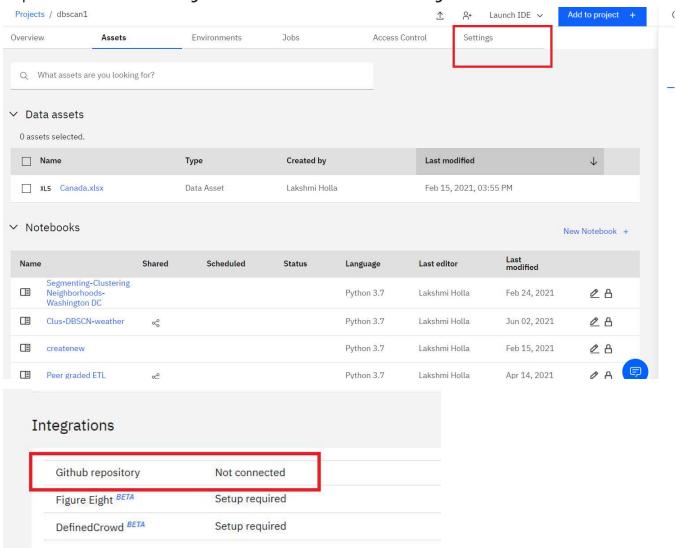


Step 2: Next click on the project which you want to integrate with github. This is the project containing your notebooks to be published on Github.

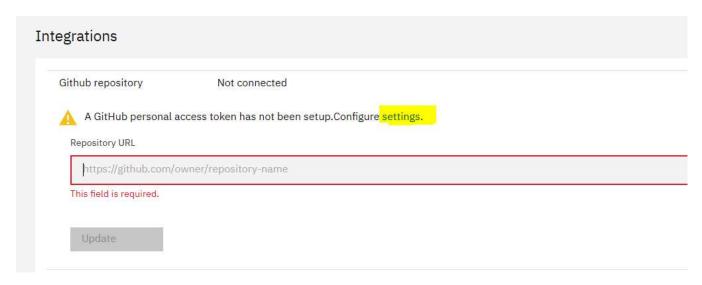
Note:This is just an example of a project . The project names will differ according what you have created.



Step 3: Next click on the Settings Tab and scroll down to check the Integrations section.

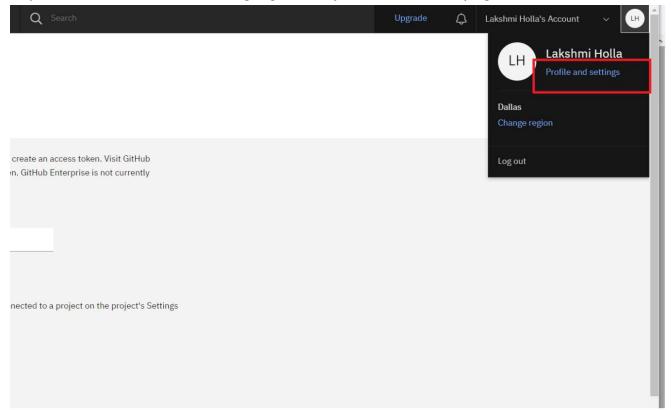


Step 4:Click on the GitHub repository on the integrations section .When you click on the textbox under the Repository url you will get the error as shown below:

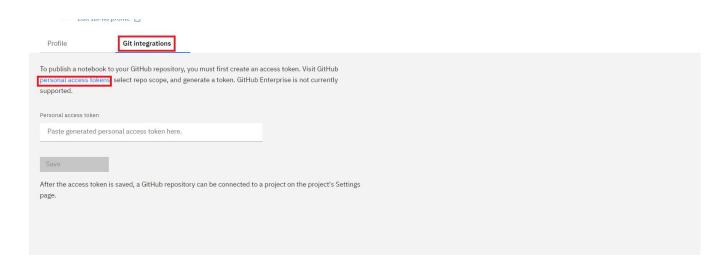


To create and configure the personal access token follow the subsequent steps.

Step 5:Next click on Profiles and Settings right below your initials on the top right screen.

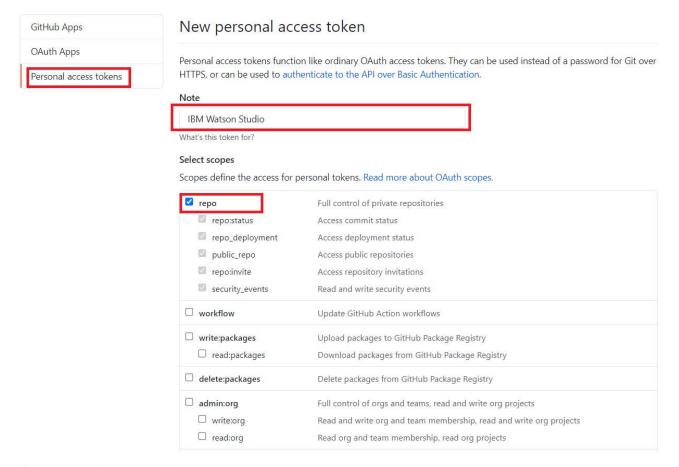


Step 6:Click on the gitIntegrations tab.



Step 7:Click on personal access token. This will prompt you to enter your github password and login to github.

Later create a token by specifying the name in the **Note** and choose **repo** scope.



Scroll down and click 'Generate Token'.

Step 8: Copy the token generated.



Step 9: Paste it under the Personal Access token in the Git Integrations tab of Watson and click on save.

Edit IE	3Mid profile €?
Profile	Git integrations
	ook to your GitHub repository, you must first create an access token. Visit GitHub kens, select repo scope, and generate a token. GitHub Enterprise is not currently
Personal access toke	
••••••	
Save	
After the access to page.	ken is saved, a GitHub repository can be connected to a project on the project's Settings

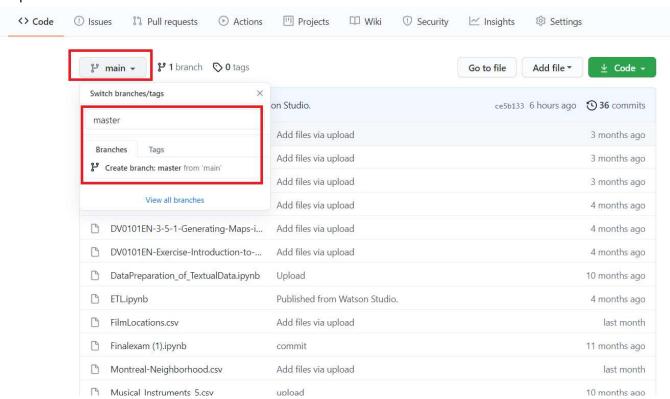
Step 10: Go back to your github repository by clicking this link.

Select your repository on the left pane.

Create a branch called master under your repository.

Step 11: Click the button on the left side of your screen that shows the current branch as "main" and has a dropdown arrow.

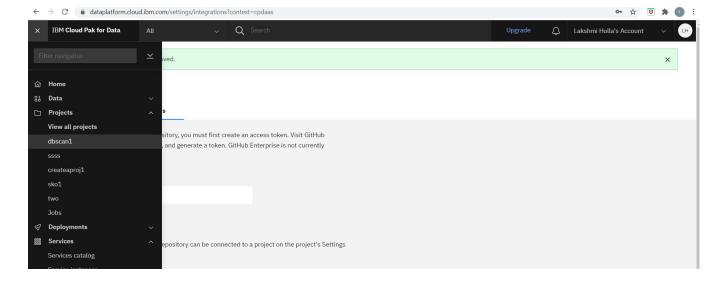
Step 12: Create a new branch called "master"



This is necessary because when you connect a repository to a project in Watson Studio and try to publish a notebook to GitHub, it automatically pushes your notebook to the master branch. If you only have a main branch in your repository and not one titled "master," Watson will not have anywhere to push your notebook.

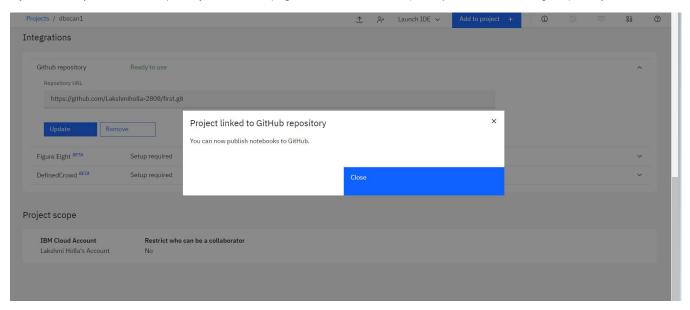
Step 13: Once done with this step navigate to your project on watson by clicking the Navigation menu.





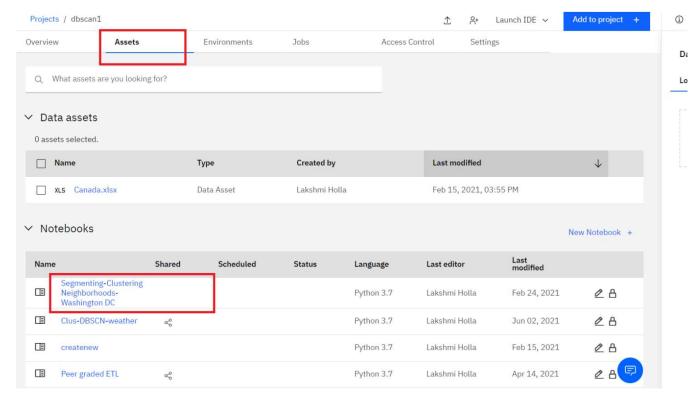
Step 14: Go to the **settings** tab and provide the github link of your repository.

If you have not yet created the repository follow the steps given in the link Github Repository Creation for creating a repository.



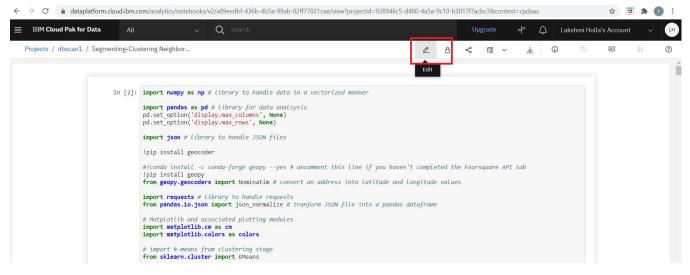
If **update** is not enabled, click outside text box which will enable it and then click '**Update**'.

Step 15: Navigate to the Assets tab of your project and then click on the notebook which you want to publish.

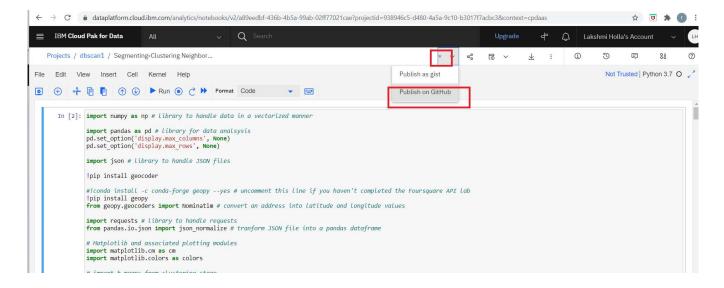


This will open your notebook.

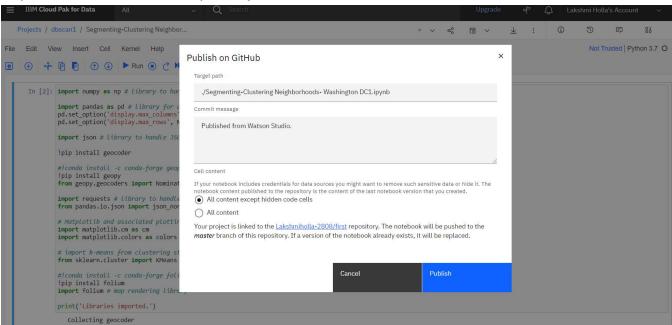
Step 16: Click on the edit option to edit your notebook.



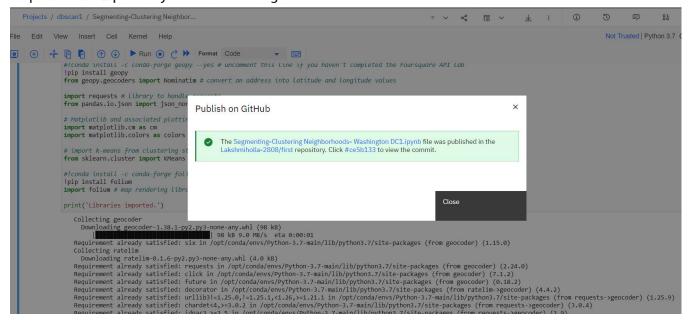
Step 17: Select Publish on github.



Step 18: Next click on **Publish** to publish your notebook



Step 19: This will publish your notebook to github.



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Other Contributor(s)

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Change log

Date	Version	Changed by	Change Description
2021-06-03	0.1	Lakshmi Holla	Inital Version

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