



**Skills  
Network**

## Overview on Skills Network Labs Cloud IDE environment

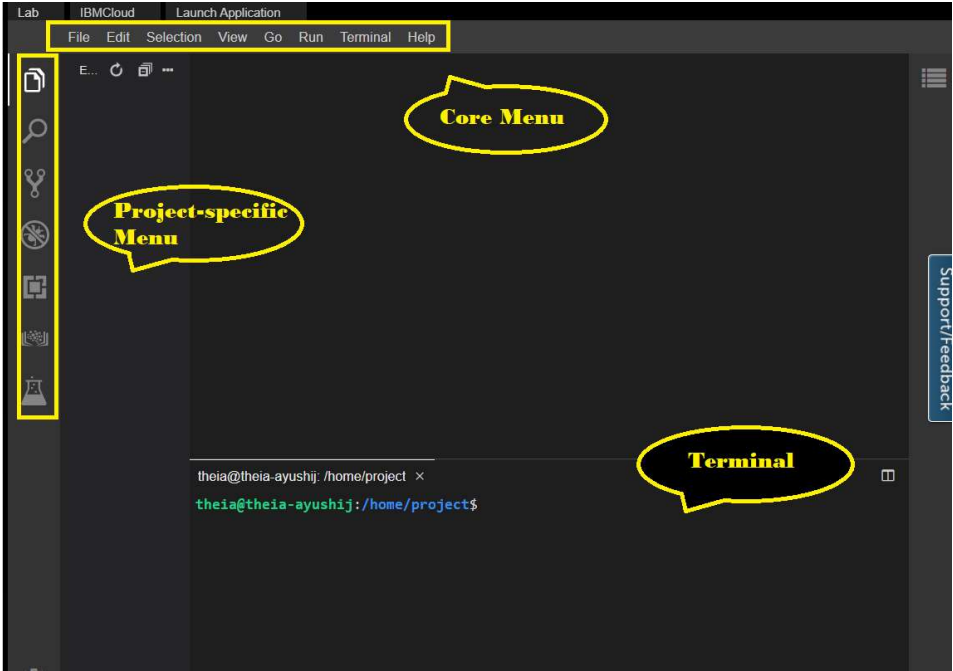
You will be using Skills Network Labs (SN Labs) Cloud IDE environment to do the next hands-on lab. SN Labs Cloud IDE is a great way to do course labs and projects without downloading, installing, configuring and integrating software on your own computer. Instead, you do everything in a web browser.

SN Labs Cloud IDE has two major components:

1. Instructions you will be following to do this project
2. Integrated Development Environment (IDE) where you will use terminal, write code and do all other tasks you typically do in an IDE

A screenshot of the Skills Network Labs Cloud IDE interface. The interface is split into two main panels. The left panel, titled 'Instructions', contains a list of tasks. The first task is 'Install python packages required to run the application. Copy and paste the below command to the terminal.' Below this, a code block contains the command 'pip3 install pandas dash'. A teal callout bubble points to the instructions, stating: 'Instructions to follow in the project are displayed on the left side of the screen. You can use the toolbar to alter the appearance of the instructions. You can change the font, color, size etc. You can also print instructions. You can also copy code that you need to execute so that you can paste it into the IDE on the right.' The right panel, titled 'Lab', shows the Integrated Development Environment (IDE). It has a menu bar with 'File', 'Edit', 'Selection', 'View', 'Go', 'Run', 'Terminal', and 'Help'. The main area of the IDE shows a terminal window with the prompt 'theia@theia-ayushij:/home/project\$'. A teal callout bubble points to the IDE, stating: 'The Integrated Development Environment (IDE) is displayed on the right side of the screen. Here you will execute the commands specified in the instructions on the left.'

If you have used Integrated Development Environments (IDE) like Visual Studio Code (VS Code) you will be instantly familiar with the Cloud IDE provided by the SN Labs. You will using the terminal most often but you will have access to all other functions of the IDE. When your project launches, you can open a terminal session from the core menu. Go to *Terminal* > *New Terminal* to open a terminal.



## Author

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## Changelog

Date	Version	Changed by	Change Description
18-08-2021	1.1	Ayushi Jain	Initial version created

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