



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

The screenshot shows the Skills Network Labs Cloud IDE interface. At the top, there's a toolbar with icons for font size, font color, and other settings, followed by tabs for "Lab", "IBMCLOUD", and "Launch Application". Below the toolbar, there's a "Instructions" section on the left containing terminal output and a "Terminal" section on the right. A large teal callout bubble points from the instructions area to the terminal area, explaining that instructions are displayed on the left and can be copied to the terminal on the right. The terminal window shows a command being run: "pip3 install pandas dash". Below the terminal, there's a progress bar for package downloads. On the far right, there's a sidebar with icons for file operations like copy, paste, and delete.

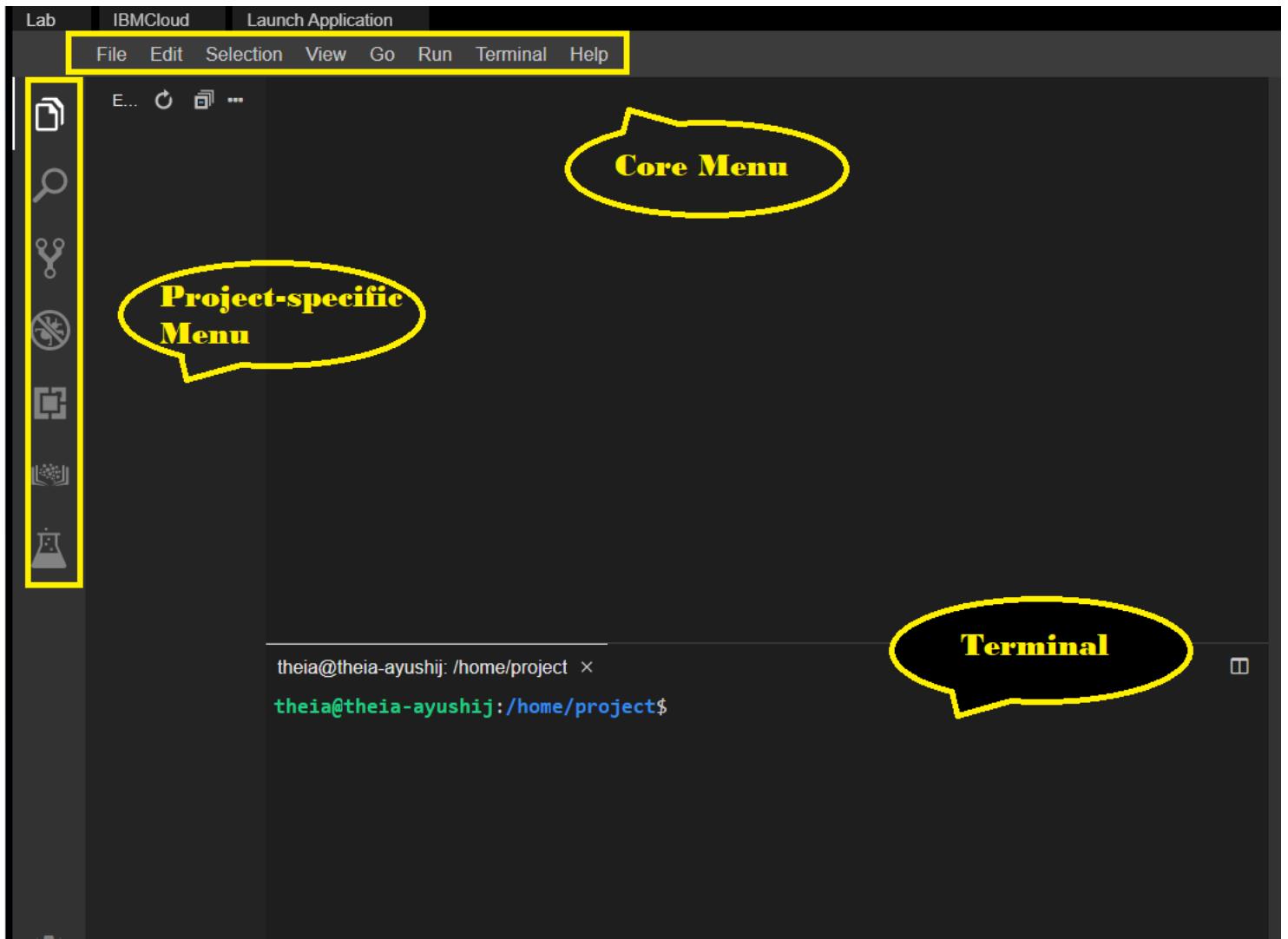
Instructions to follow in the project are displayed on the left side of the screen. You can use the toolbar to alter the appearance of the instructions. You can change the font, color, size etc. You can also print instructions. You can also copy code that you need to execute so that you can paste it into the IDE on the right.

- Install python packages required to run the application. Copy and paste the below command to the terminal.

```
pip3 install pandas dash
```

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 be 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

[Ayushi Jain](#)

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