

# Welcome to Jigsaw Academy

## Jigsaw Lab Guide



# The Quick Guide to the Jigsaw Lab

Please click on the below link to go to the respective page (s)

- 1) [Accessing the Lab via the Jigsaw Learning](#)
- 2) [FAQs and where to find help!](#)



You can access the lab from anywhere within the Jigsaw Learning Centre via the “**Labs**” button on the left side



As a first time user, there are guidelines specified for you to help access and navigate the Jigsaw Lab. Click on “Lab” button



Jigsaw Learning Center Beta  
Jigsaw Data Science With R > Lab Front Page

View All Pages

Published

Edit



Welcome to your Data Scientist Course with R Lab!

**NEW USERS!**

Please click the button below for instructions on how to use the Lab

Guidelines



**REGISTERED USERS!**

Please click the icon to go to the lab

For R Lab, please click the below button

Lab



Once you click on “**Lab**”, a new window will be launched on the Browser



A screenshot of a web browser window showing the login page for Jigsaw Lab. The browser's address bar displays the URL `cloudlab.jigsawacademy.in/rlab/index.php`. The page has a light gray background. At the top center, there is a logo consisting of a blue stylized head profile with a puzzle piece inside, followed by the text "welcome to" in a small gray font, "JIGSAW LAB" in a large, bold, black font, and "for working with R" in a medium gray font. Below this text is a horizontal line. Under the line, there are two input fields: the first is labeled "Username" and the second is labeled "Password". Below these fields is a "Sign-In" button with a right-pointing arrow icon.



Please enter your user name and password again and click “Sign-In”

cloudlab.jigsawacademy.in/rlab/index.php

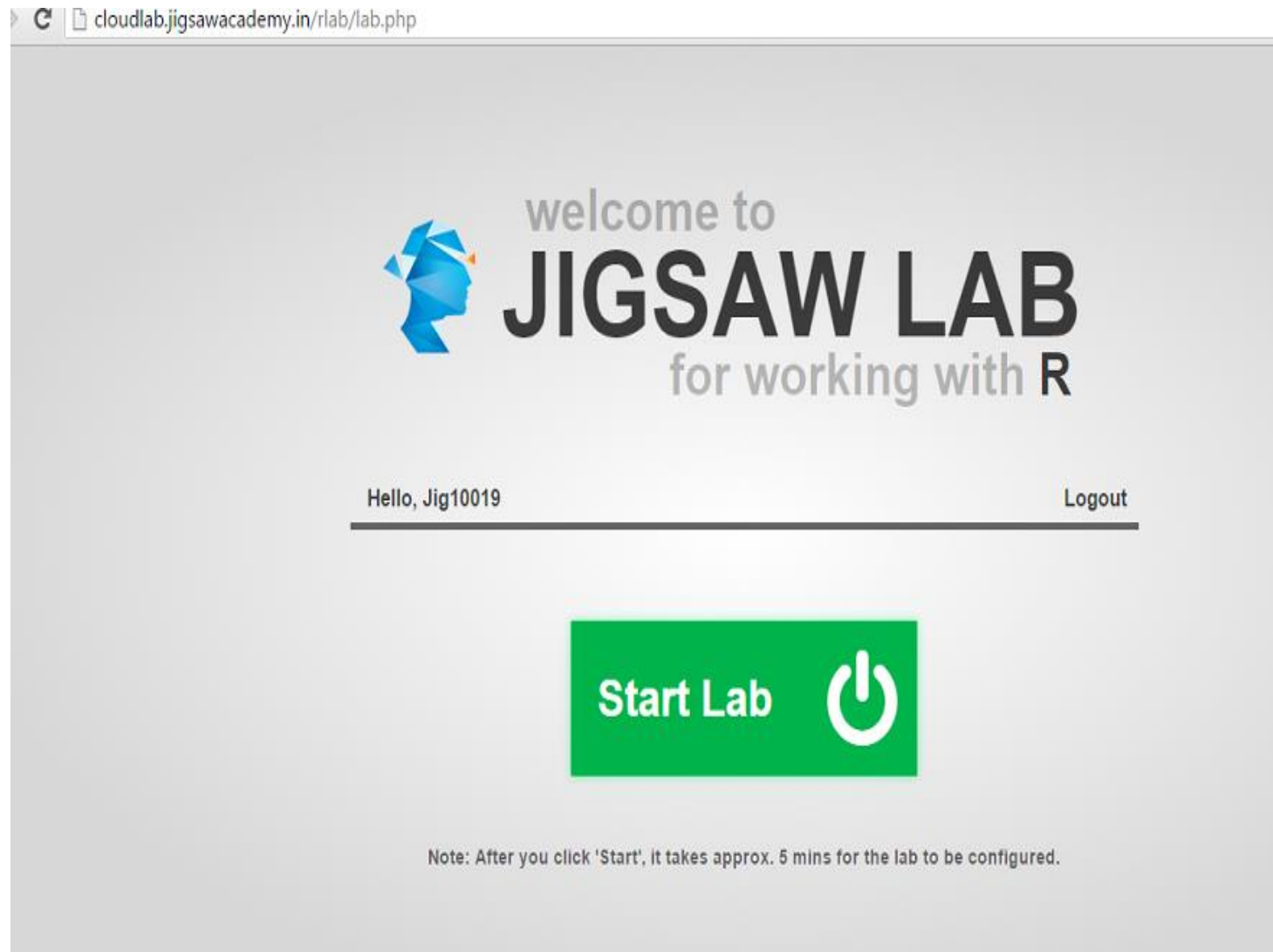


welcome to  
**JIGSAW LAB**  
for working with R

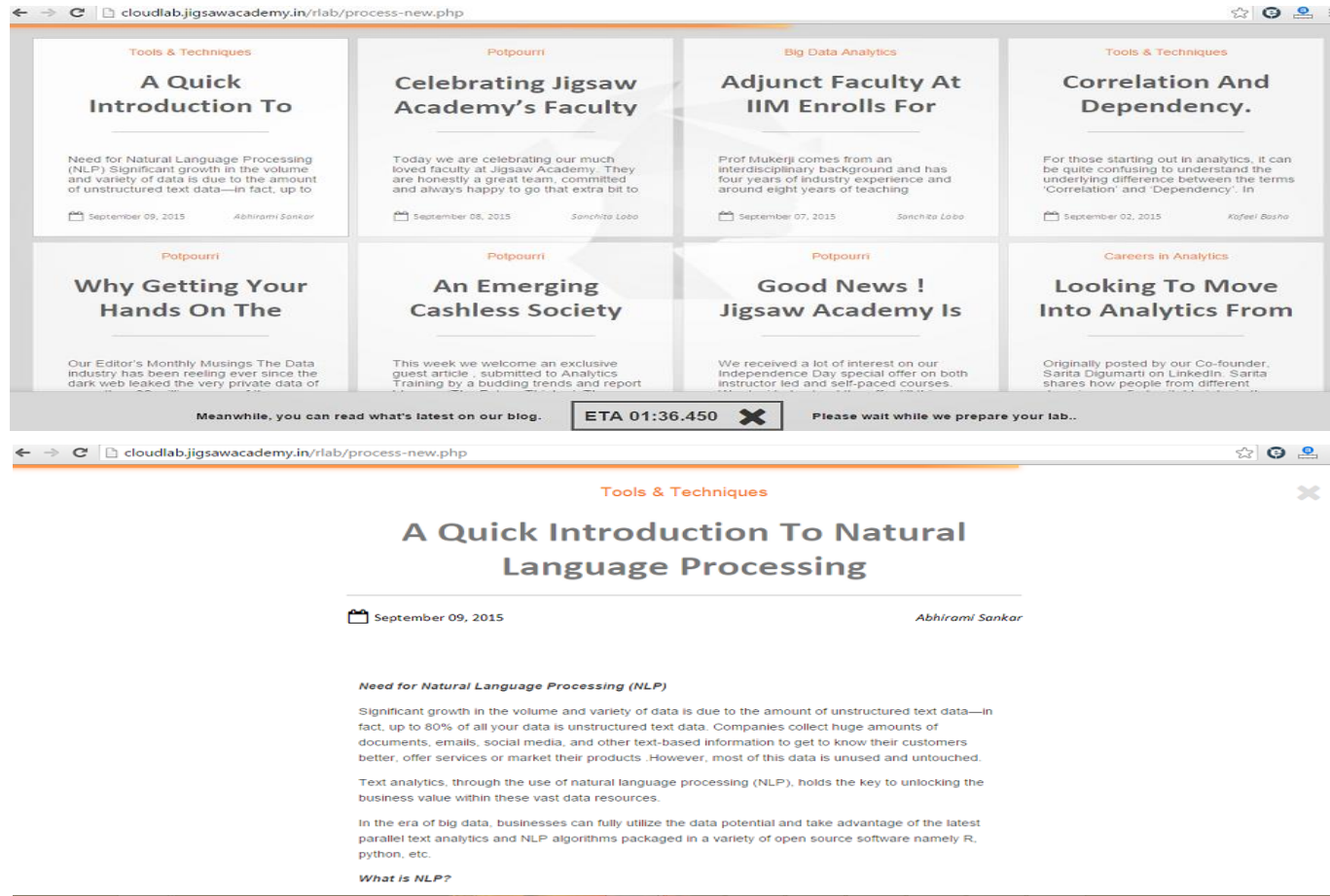
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After successful login, click on “Start Lab”



After clicking on “**Start Lab**”, a process will start to prepare a dedicated Jigsaw lab specially meant for you alone. This process takes four minutes to prepare your lab. So kindly wait and click on any of the blog articles displayed to read as shown in the below



Note : To close the blog article click on the cross mark on top right of the window





Once your dedicated Jigsaw Lab is ready, the top of the screen turns green and a button “**Lab Details**” appears on the page. Please click on the “Lab Details” button

The screenshot shows a web browser window with the URL `cloudlab.jigsawacademy.in/rlab/process-new.php`. The page has a green header bar. Below it, there is a grid of eight article cards arranged in two rows of four. Each card has a category label at the top, a title, a short paragraph, and a date/author line at the bottom. The categories are: Tools & Techniques, Potpourri, Big Data Analytics, Tools & Techniques, Potpourri, Potpourri, Potpourri, and Careers in Analytics. The titles of the articles are: 'A Quick Introduction To', 'Celebrating Jigsaw Academy's Faculty', 'Adjunct Faculty At IIM Enrolls For', 'Correlation And Dependency.', 'Why Getting Your Hands On The', 'An Emerging Cashless Society', 'Good News ! Jigsaw Academy Is', and 'Looking To Move Into Analytics From'. At the bottom of the page, there is a grey bar with the text 'Meanwhile, you can read what's latest on our blog.' on the left, a button labeled 'Lab Details' with a small upward-pointing triangle in the center, and the text 'Your Lab Is Ready!' on the right.

Category	Title	Text Snippet	Date	Author
Tools & Techniques	A Quick Introduction To	Need for Natural Language Processing (NLP) Significant growth in the volume and variety of data is due to the amount of unstructured text data—in fact, up to	September 09, 2015	Abhirami Sankar
Potpourri	Celebrating Jigsaw Academy's Faculty	Today we are celebrating our much loved faculty at Jigsaw Academy. They are honestly a great team, committed and always happy to go that extra bit to	September 08, 2015	Sanchita Lobo
Big Data Analytics	Adjunct Faculty At IIM Enrolls For	Prof Mukerji comes from an interdisciplinary background and has four years of industry experience and around eight years of teaching	September 07, 2015	Sanchita Lobo
Tools & Techniques	Correlation And Dependency.	For those starting out in analytics, it can be quite confusing to understand the underlying difference between the terms 'Correlation' and 'Dependency'. In	September 02, 2015	Kirfel Basha
Potpourri	Why Getting Your Hands On The	Our Editor's Monthly Musings The Data Industry has been reeling ever since the dark web leaked the very private data of		
Potpourri	An Emerging Cashless Society	This week we welcome an exclusive guest article, submitted to Analytics Training by a budding trends and report		
Potpourri	Good News ! Jigsaw Academy Is	We received a lot of interest on our Independence Day special offer on both instructor led and self-paced courses.		
Careers in Analytics	Looking To Move Into Analytics From	Originally posted by our Co-founder, Sarita Digumarti on LinkedIn. Sarita shares how people from different		

Meanwhile, you can read what's latest on our blog. **Lab Details** Your Lab Is Ready!




← → ↻ cloudlab.jigsawacademy.in/rlab/lab.php





welcome to  
**JIGSAW LAB**  
for working with R

Hello, Jig10019

Logout

Launch Lab 

Close Lab 

Note: Make sure you have IE Tab extension installed. [Get IE Tab](#) 



Please click on “Launch Lab” and open the batch file which will be downloaded.



Hello, Jig12453

Logout

Launch Lab



Close Lab

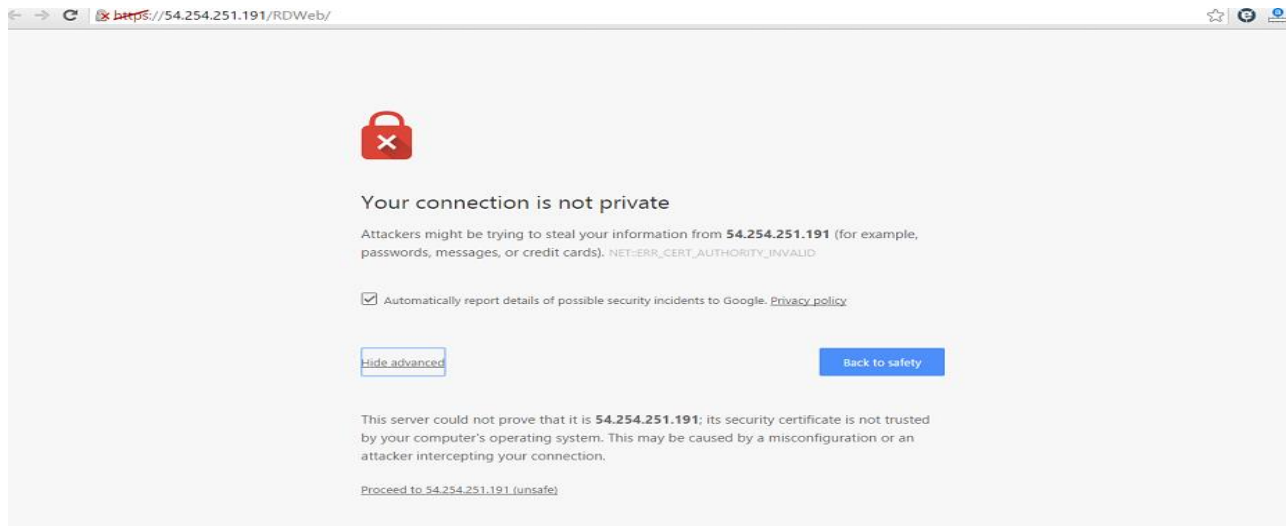
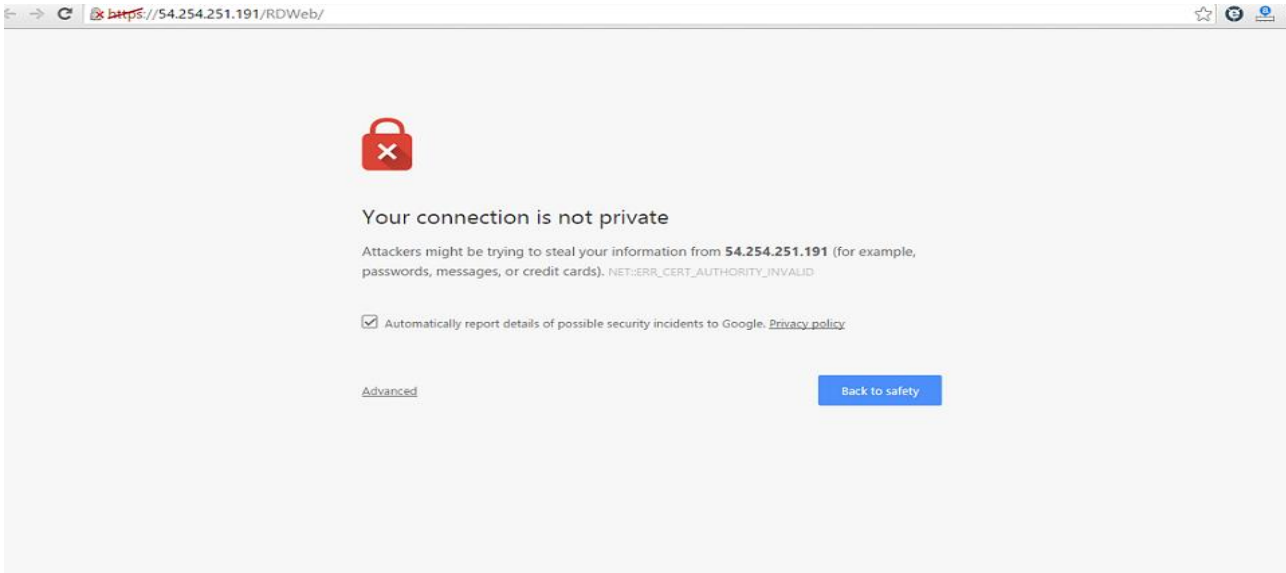


Jig12453 (1).bat

Show all



In case , you get the below screen, click on **Advanced** & then click on **Proceed to “ IP Address ” (unsafe)**



In case , you get the below screen, click on **More info** & then click on **“Run Anyway”**

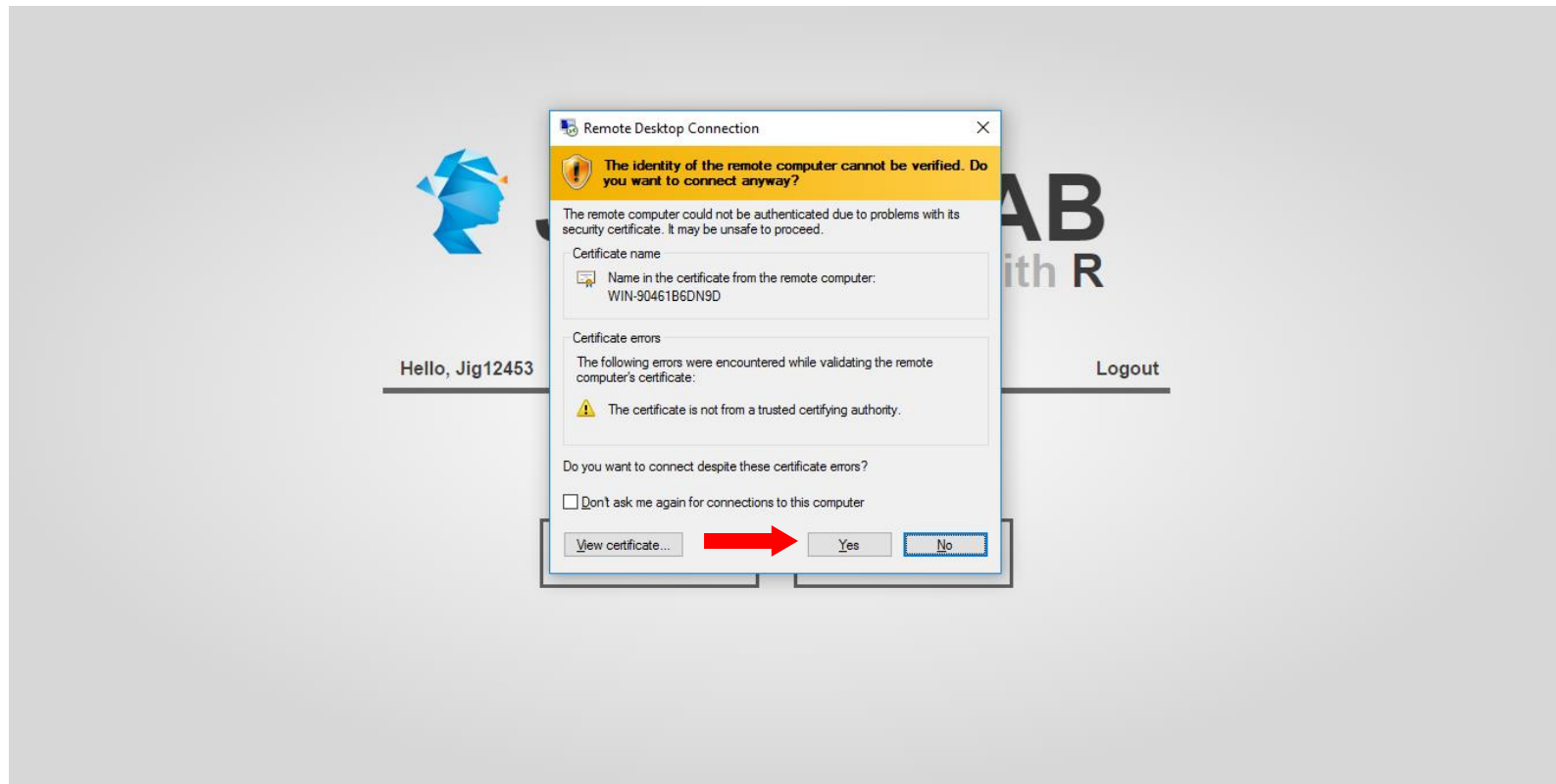


Please enter your user id and password – these are shared in the welcome email

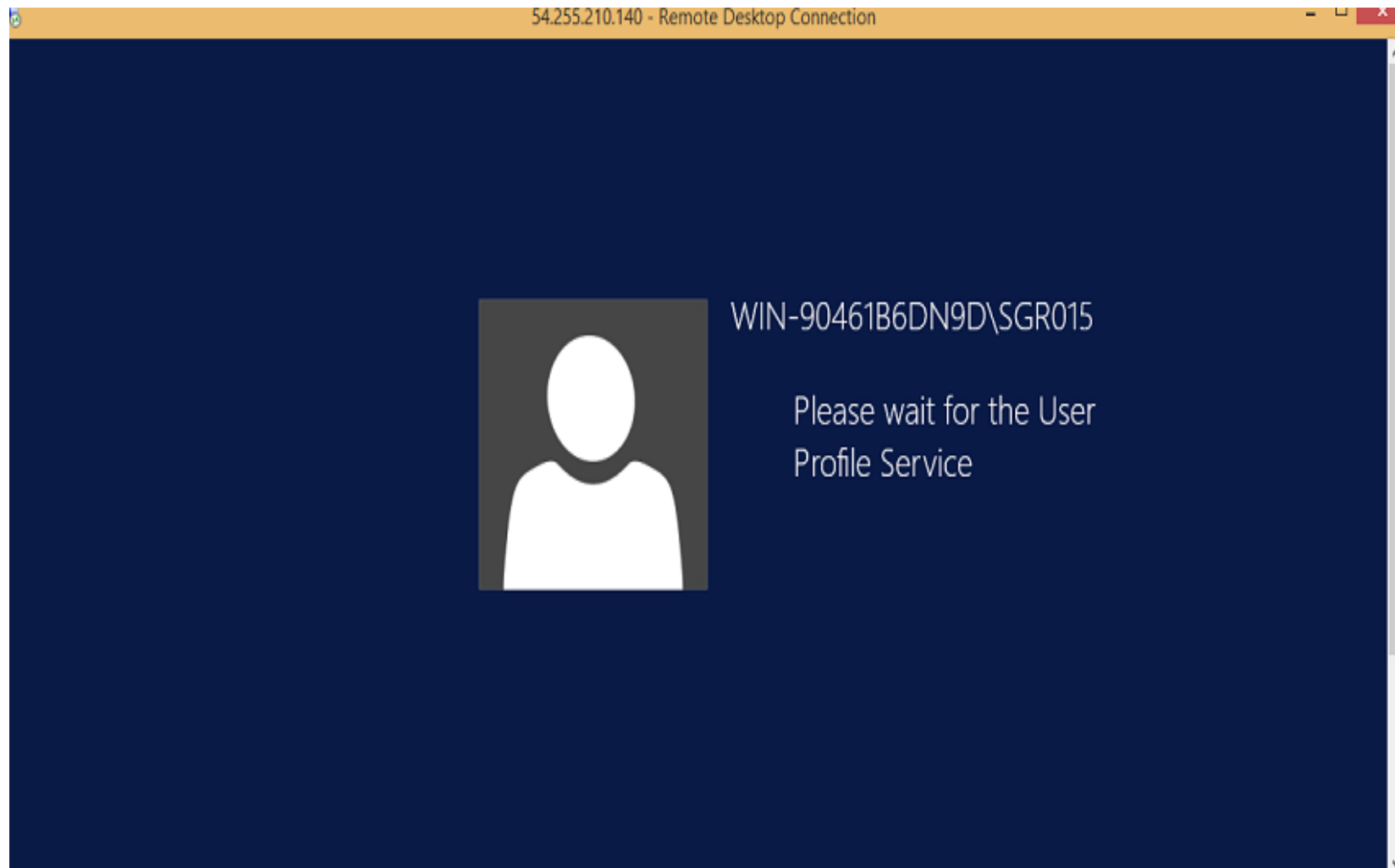


Please Click Yes and after this you will be directed to remote server

**Note:** You may sometimes have to enter your login credentials twice, depending on the settings in your laptop



Please You are now Logging into remote server



-----End of the Section-----

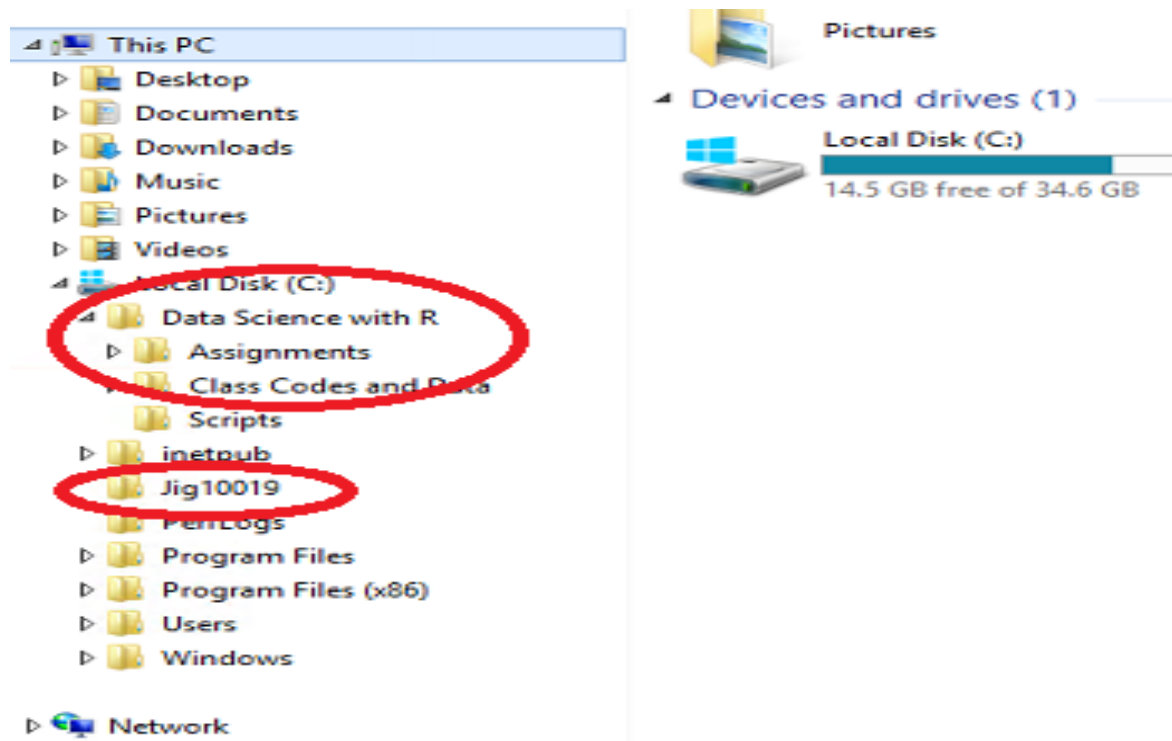
[Click here](#) to go back to “index” page





# General Instructions for working with the Jigsaw Lab

1. Below is the directory structure on the remote machine. Observe that **Data science with R** and **JigXXXXX** folders. There is **Data Science with R folder** where the content and the assignments details are present. “**JigXXXX**”(UserId – it will be your user id) is the User folder where you have to save all your work.



# General Instructions for working with the Jigsaw Lab

2. There is a “**DataSync**” application on the desktop. On Clicking the link the application launches as shown below.

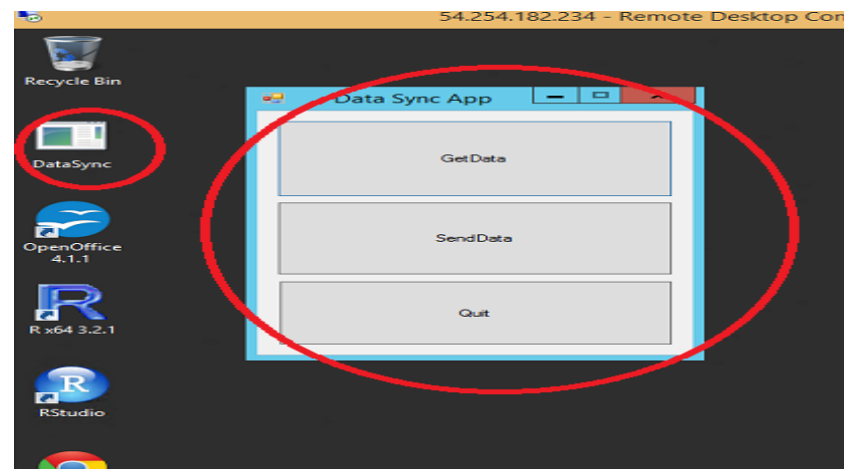
DataSync is a process where you can store the data (your R files, ppt files etc – you have to store these data in **c:\userid folder**). Once it is saved you need to click on Send Data, so that all your files are saved. And when you login to the lab for the next time you need to click on Get Data to receive the files which you have worked previously (data will come back to **c:\userid folder**)

## Data Synchronization App

GetData – Click this button to get the data from the Data Server

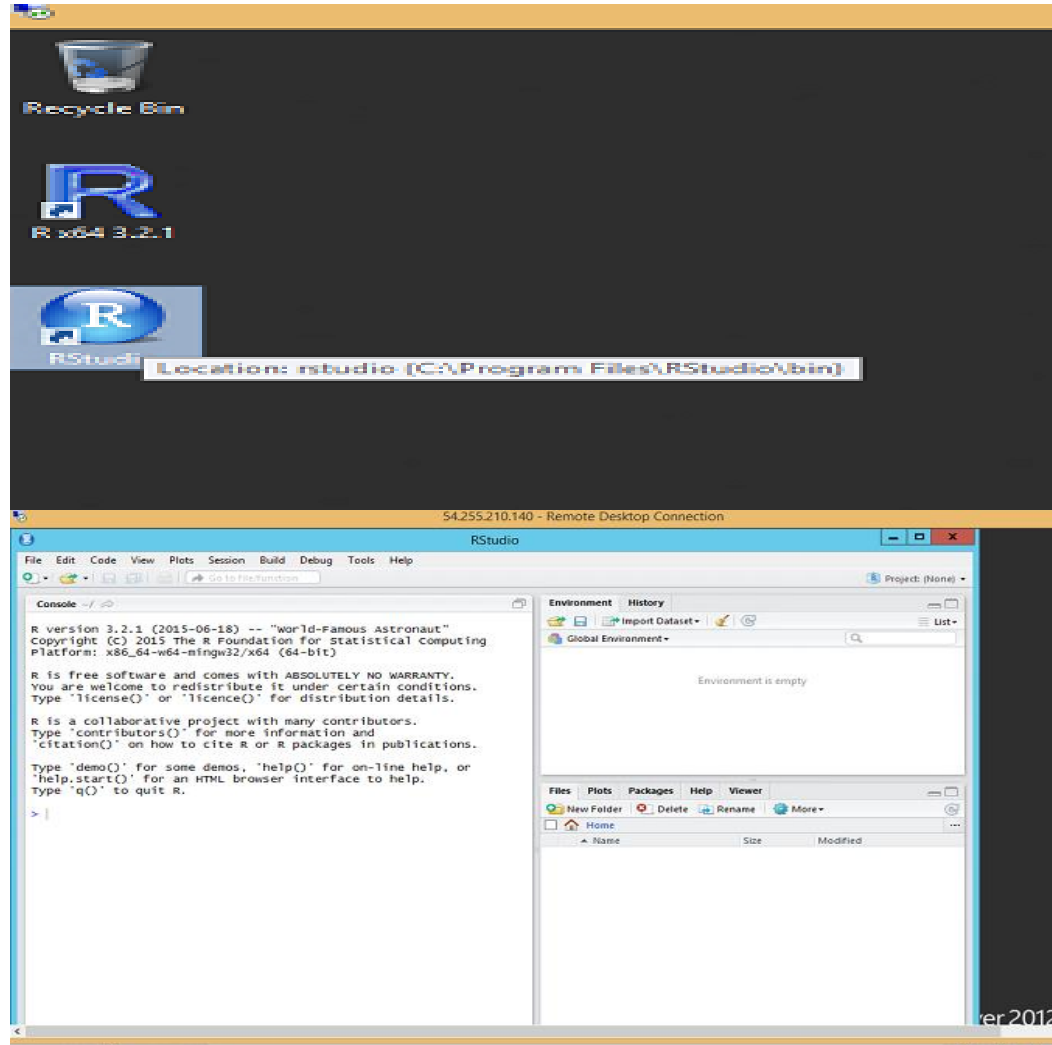
SendData – Click this button to send the data to the Data Server

Quit – Quit the application



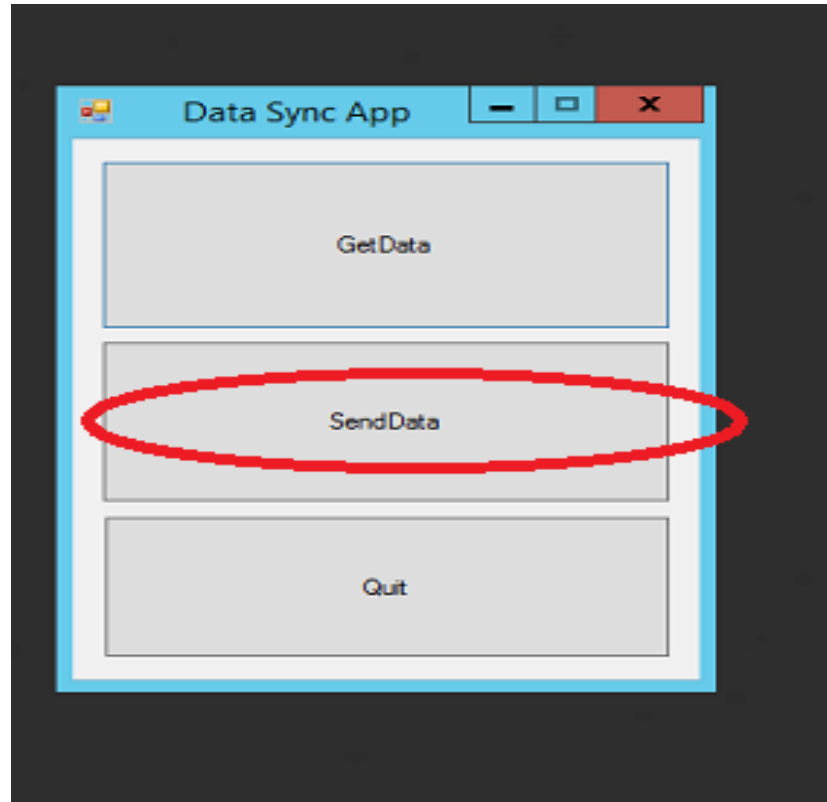
# General Instructions for working with the Jigsaw Lab

3. Launch **R Studio** and work on different programs, with different data sets and of different sizes and observe the performance

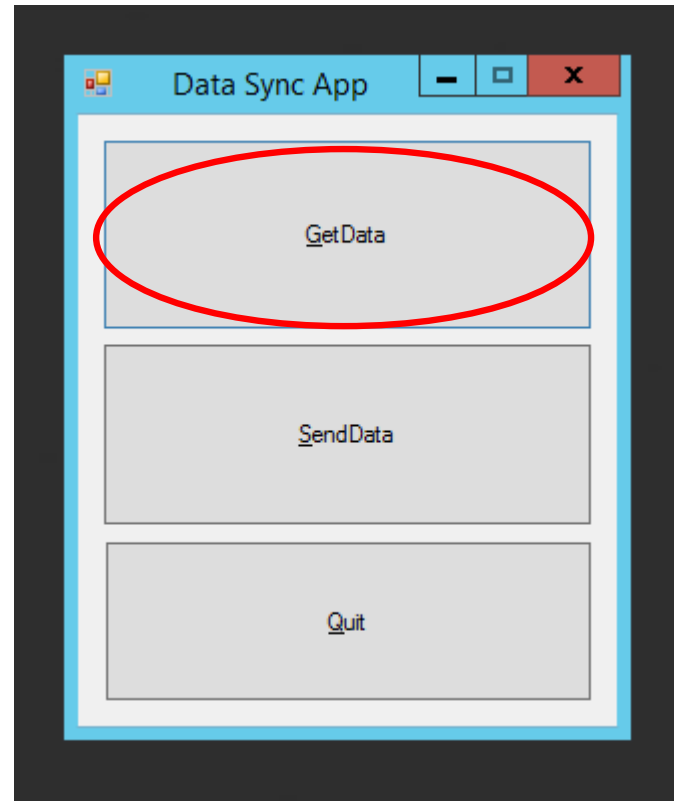


# General Instructions for working with the Jigsaw Lab

4. After you are done using the lab. Save all the data in C:\UserId folder and Use **Data Sync** App to send the data to the DataServer. This will send the data to the DataServer.

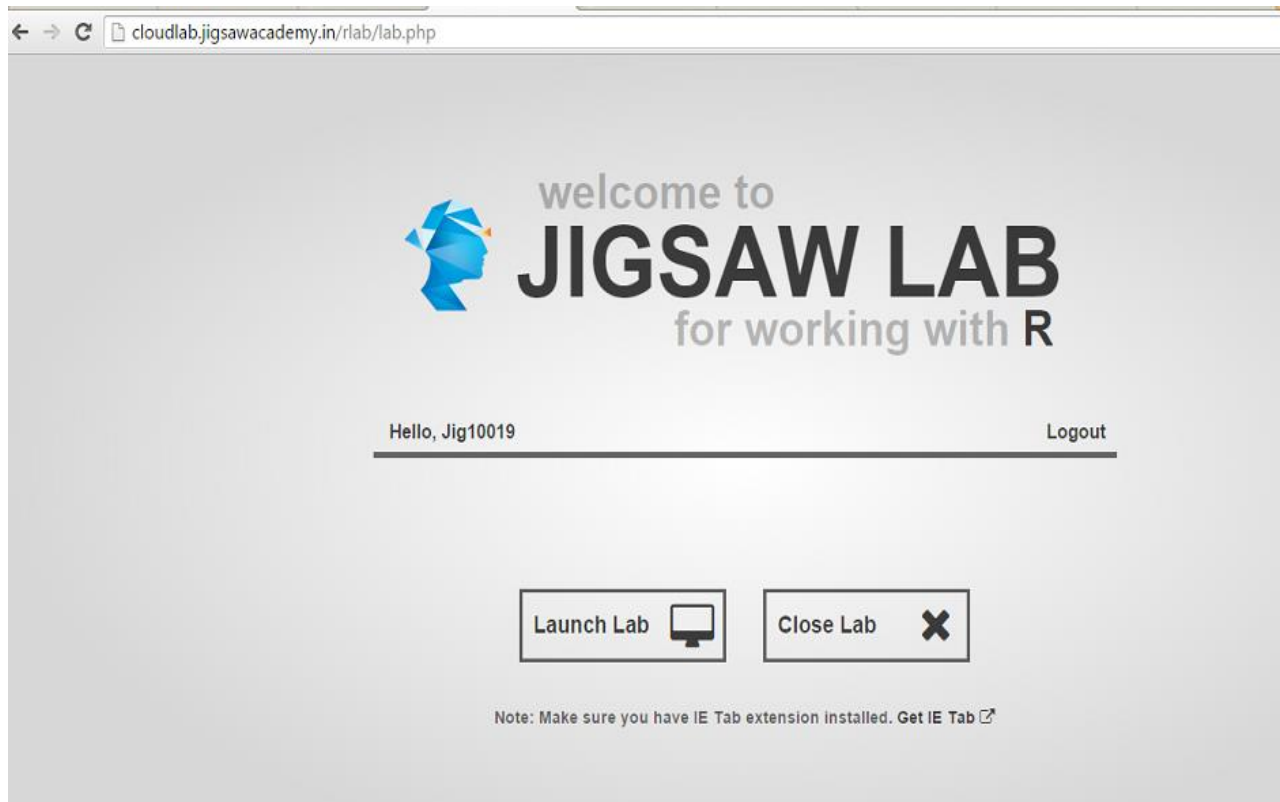


When you login for the next time, Use **Data Sync** App to receive the data from the DataServer. All the data will be available under C:\UserId folder once you complete the process.



# General Instructions for working with the Jigsaw Lab

5. After the above step go back to the lab page. Click “ **Close Lab** ”



# General Instructions for working with the Jigsaw Lab

6. Click the “ **Close Lab** ” button. This will terminate your lab.

**Note:** This step is very important. If you don't do it, your lab hours will get reduced.



7. All applications required for your course are available on the lab. Please launch the appropriate program from the desktop of the lab (R, Excel etc)
8. You cannot copy paste in and out of the lab. Please refer to the FAQ section in the Jigsaw Learning Center, or Class 00 videos for instructions on assignment submissions




# For assignment submissions guidelines, please review videos in Class 00 in the classes tab



Jigsaw Learning Center Beta  
Jigsaw Data Science With R > Topics



Design topics



GO TO TOPIC

Videos  
7 / 7

Assignments  
0 / 0

1	T1. An Introduction To Data Science And An Overview Of The Course	2	T2. Analytics Methodology And Problem Solving Frameworks	3.1	T3.1. Statistics 1 - Descriptive Statistics	3.2	T3.2. Statistics 2 - Inferential Statistics (Probability Distributions)	4.1	T4.1. Statistics 3 - Hypothesis Testing	4.2	T4.2. Statistics 4 - Advanced Hypothesis Testing
5	T5. An Introduction To R	6.1	T6.1. Manipulating Data With R	6.2	T6.2. Data Visualization With R	7	T7. Models And Algorithms	8.1	T8.1. Data Preprocessing - Data Exploration	8.2	T8.2. Data Preprocessing - Data Preparation
9	T9. Predictive Analytics - Linear Regression Models	10	T10. Predictive Analytics - Logistic Regression Models	11.1	T11.1. Machine Learning - Clustering Models	11.2	T11.2. Machine Learning - Decision Tree Models	12	T12. Model Validation And Interpretation	13	T13. Capstone Project And Course Wrap
14	T14. Project Documentation And Deployment ( Optional Topic 1 )	15	T15. Best Practices ( Optional Topic 2 )								



Chat with Support!





# You can also view the FAQ section for more help videos!

The screenshot displays the Jigsaw Learning Center Beta interface. At the top left, there is a hamburger menu icon and the text "Jigsaw Learning Center Beta" with a sub-header "Jigsaw Data Science With R - Topics". The main content area is a grid of 21 topic cards, each with a large number and a brief description. The topics are arranged in three rows: Row 1 (0, 1, 2, 3.1, 3.2, 4.1, 4.2), Row 2 (5, 6.1, 6.2, 7, 8.1, 8.2, 9), and Row 3 (10, 11.1, 11.2, 12, 13, 14, 15). On the right side, there is a vertical sidebar containing a search icon, a "FAQS" link with a question mark icon (highlighted by a red circle), a "HELP & SUPPORT CENTER" link with a globe icon, and a "Chat with Support!" button.

Topic Number	Topic Description
0	How To Organise Your Model Library & Environment: Introduction Data
1	It's an introduction to Data Science and the structure of the course
2	It's Building Methodology and Problem Solving Frameworks
3.1	It's Statistics I - Descriptive Statistics
3.2	It's Statistics I - Inferential Statistics: Probability Distribution
4.1	It's Statistics I - Inferential Statistics: Hypothesis Testing
4.2	It's Statistics I - Inferential Statistics: Hypothesis Testing
5	It's an introduction to R
6.1	It's Resampling Data With
6.2	It's Data Visualization With
7	It's Models and Algorithms
8.1	It's Data Programming: Data Manipulation
8.2	It's Data Programming: Data Presentation
9	It's Machine Learning: Linear Regression Models
10	It's Machine Learning: Logistic Regression Models
11.1	It's Machine Learning: Clustering Models
11.2	It's Machine Learning: Decision Tree Models
12	It's Model Validation and Performance
13	It's Deployment: Project and Model Deployment
14	It's Project Documentation: Documentation - General
15	It's Project Documentation: Documentation - General



**For any queries or help, please contact our support team: [support@jigsawacademy.com](mailto:support@jigsawacademy.com)**

