

## ISE CERTIFICATION COURSE DETAILS

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<b>COURSE NAME:</b>	Best datascience and data analytics course	<b>DATE:</b>	12/06/2020

### SCREENSHOT:

The screenshot displays the RStudio IDE interface. The main editor window shows R code for creating and manipulating data structures. The console window at the bottom shows the output of the executed code. The file explorer on the right shows the project structure.

```

#Integers
a = c(1L, 2L, 3L)
class(a)

#Adding element to vector
y = c(y, 'd')
y

#Vectors from a Sequence of Numbers
series= 1:10
seq(10)
seq(1,10,1.5)
?seq

#Matrices-----
matrix(data = NA, nrow = 1, ncol = 1, byrow = FALSE, dimnames = NULL)

#Creating a matrix
matrix(1:10, nrow = 2, ncol = 5)

```

Console Output:

```

> class(y)
[1] "character"
> #Integers
> a = c(1L, 2L, 3L)
> class(a)
[1] "integer"
> #Adding element to vector
> y = c(y, 'd')
> y
[1] "a" "b" "c" "d"
> #Vectors from a Sequence of Numbers
> series= 1:10
> x

```

File Explorer:

Name	Size	Modified
.gitignore	44 B	Apr 20, 2020, 5:57 PM
.Rhistory	2 KB	Apr 22, 2020, 11:40 PM
Data Structures.R	1.7 KB	Apr 22, 2020, 11:39 PM
package installation and loading.R	825 B	Apr 23, 2020, 1:49 PM
R-Codes.Rproj	218 B	Apr 23, 2020, 11:17 AM
Importing & exporting data.R	38 B	Apr 23, 2020, 6:15 PM

### BRIEF REPORT: (POINT-WISE)

#### 1) Introduction to Operators in R

- assignment operator
- arithmetic operator
- relational operator
- logical operator

2) Introduction to datatypes and data structures - data type tells what kind of value that the data can have and also different types of datatypes.

#### 3) Handling packages in R – Package installation and Loading in R.

