Days	Name	Durations	Category	Main Category
1	Introduction to R in Bioinformatics & R Installation	9:47	Introduction	R
2	The R Studio Interface Explanation	6:23	Introduction	R
3	Comments	4:16	Introduction	R
4	Sample & Replacement	9:09	Variables & Functions	R
5	Variable Declaration and Objects	5:24	Variables & Functions	R
6	Built-in Functions & ARGS	4:31	Variables & Functions	R
7	Write Your Own Functions And Arguments	5:39	Variables & Functions	R
8	Scripts	7:36	Variables & Functions	R
9	Attributes and Names	4:46	Vectors & Data Types	R
10	Characters	4:43	Vectors & Data Types	R
11	Doubles	3:30	Vectors & Data Types	R
12	Logicals	2:27	Vectors & Data Types	R
13	Factors	6:40	Vectors & Data Types	R
14	Atomic Vectors	2:42	Vectors & Data Types	R
15	Integers	3:23	Vectors & Data Types	R
16	Dim & Dimensions	5:46	Vectors & Data Types	R
17	Coercion	4:27	Vectors & Data Types	R
18	Lists	6:41	Vectors & Data Types	R
19	Matrix & Matrices	4:42	Vectors & Data Types	R
20	Arrays	3:42	Vectors & Data Types	R
21	Class	3:12	Vectors & Data Types	R
22	Packages	4:00	Packages	R
23	Getting Help with Help Packages	3:42	Packages	R
24	Install Bioinformatics Packages	5:25	Packages	R
25	Library & Initialization of Packages	2:27	Packages	R
26	Loading Biological Data	7:55	Biological Data Analysis	R
27	Zero Notation for Subsetting Biological Datasets	1:09	Biological Data Analysis	R

28	Saving Biological Data	5:26	Biological Data Analysis	R
29	R Notation & Selecting Values from Biological Dataset	4:09	Biological Data Analysis	R
30	Data Frames	6:30	Biological Data Analysis	R
31	Positive Integers for Subsetting Biological Dataset	5:25	Biological Data Analysis	R
32	Negative Integers for Subsetting Biological Dataset	5:28	Biological Data Analysis	R
33	Dollar Signs for Biological Dataset Subsetting	2:58	Biological Data Analysis	R
34	Blank Spaces For Biological Data Subsetting	3:20	Biological Data Analysis	R
35	Modifying Values in Existing Datasets	7:06	Biological Data Analysis	R
36	NA Values in Biological Dataset	5:24	Biological Data Analysis	R
37	Figuring out NA Values in Biological Dataset	2:06	Biological Data Analysis	R
38	Logical Subsetting in Biological Datasets	9:45	Biological Data Analysis	R
39	If Else Statement	4:15	Control Flow	R
40	For Loops & Biological Data Binding	16:30	Control Flow	R
41	While Loops & Reading Multiple Biological Datasets	16:16	Control Flow	R
42	ggplot2: Key components	8:25	Data Visualization: ggplot2	R
43	ggplot2: Human Mitochondrial Proteome & Aesthetics (Size, Shape, Color)	26:02	Data Visualization: ggplot2	R
44	ggplot2: Facetting of Human Genome	22:25	Data Visualization: ggplot2	R
45	ggplot2: Smooth Out the Biological Data	8:43	Data Visualization: ggplot2	R
46	ggplot2: Boxplots for Human Mitochondrial Proteome	7:55	Data Visualization: ggplot2	R

46	ggplot2: Histograms for Human Mitochondrial Pattern Finding	6:02	Data Visualization: ggplot2	R
47	ggplot2: Frequency Plots for Human Mitochondrial Information Frequency Mining	6:12	Data Visualization: ggplot2	R
48	ggplot2: Bar Charts Human Mitochondrial Knowledge Mining	10:43	Data Visualization: ggplot2	R
49	ggplot2 - Scaling and Limiting Data Visualization	3:53	Data Visualization: ggplot2	R
50	ggplot2 - Changing Labels and Finalizing Visualization	8:41	Data Visualization: ggplot2	R
51	ggtree - Phylogenetic Tree Visualization	5:41	Data Visualization: ggplot2	R
52	ggplot2 - Saving the Visualizations in High Resolution	4:44	Data Visualization: ggplot2	R