

Certificate Course in R Programming Language

- Basic R programming
 - Installing R and R studio
 - Variables, data type, basic programming
 - Conditional statement, if, if else, else
 - Iterative statement, for loop, while loop, do loop
 - Arrays, vectors, 2d arrays, and array manipulation and functions
 - String, string functions
 - Names list (Dictionaries), key value pair data storage
 - Data frames, data frame manipulation and functions

- Advanced R programming (data science)
 - Advanced Data frame handling
 - Modules and library installation
 - Excel and csv data handling
 - READXL library – for reading excel file
 - DPLYR library - for data frame handling, filtering, selecting, grouping, aggregation
 - Table joining using DPLYR
 - TIDYR library – for data cleaning and handling null values
 - GGLOT2 library – for plotting graphs
 - Statistical functions in R and its use