

# R Language Course Content

## → R Programming

- Installing R & R-studio

## → Data Types

- Vector
- Array
- Matrix
- Data Frame & List
- Factors

## → R Connection - Interfaces

- Reading Tabular Data
- Textual Data Format
- Compress file - gzip , bzip2
- Connection to web

## → Control Structure

- If-Else
- For loop
- While Loop
- Repeat , Next , Break

## → Functions

- Packages & Libraries  
Writing custom functions

## → Date & Time

## → R Objects

## → Loop Functions

- apply
- lapply
- mapply
- tapply
- split

→ **Tools**

- TensorFlow
- Pytorch
- Theano
- Keras
- Open CV
- Scikit-Learn