**Day 1: Introduction to R programming**

Session 1: Starting with R and RStudio installation

* What is R and how is it different from other statistical analysis software?
* Installation
* package management

Session 2: Creating dataset

* Data structures
* Data input
* Value labels
* Useful functions

Session 3: Data management with dplyr

Session 4: Data management (continued)

**Day 2: Advance R programming**

Session 1: Graphing (basic and ggplot2)

Session 2: R programming (function and looping)

Session 3: Webscrapping and accessing data from the web (including API)

Session 4: Basic statistics (including the concept of hypothesis testing)

**Day 3: Statistical analysis using R**

Session 1: OLS regression (simple and multiple regression)

Session 2: Logistic regression

Session 3: Basic time-series analysis

Session 4: Reporting regression results and the project work