

Intro to R

Handy tips and trick



UNIVERSITY OF
LIVERPOOL



The University
Of Sheffield.

Map

Quick reminder

Handy tips and tricks

Datasets



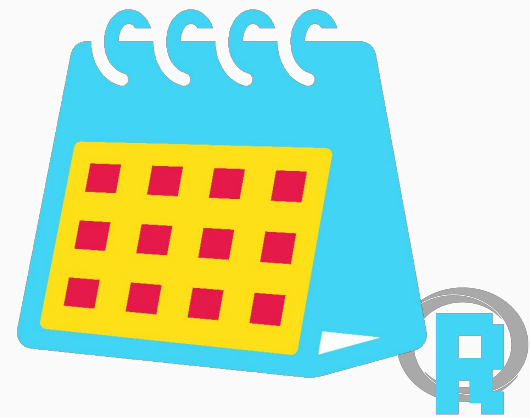
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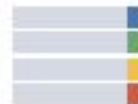
Morning 1: Foundations of R & RStudio

Afternoon 1: R objects (Classes and Data Structures)

Morning 2: Files and subsetting data

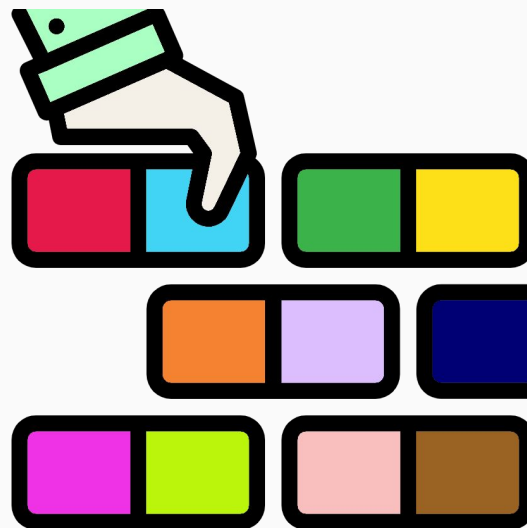
Afternoon 2: Handy R tips and tricks





R Foundations

- Operators
- Variables
- Functions
- Directories
- Script editor
- Annotations



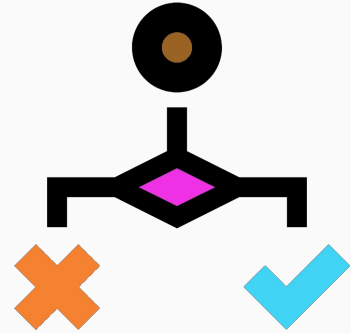
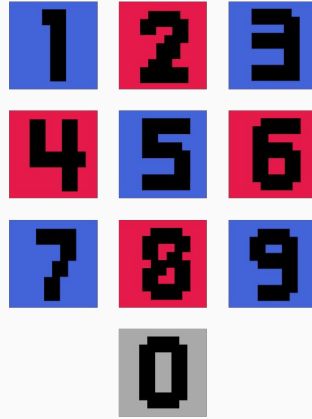
Classes

Type of data

Numeric

String

Logical



Data Structures

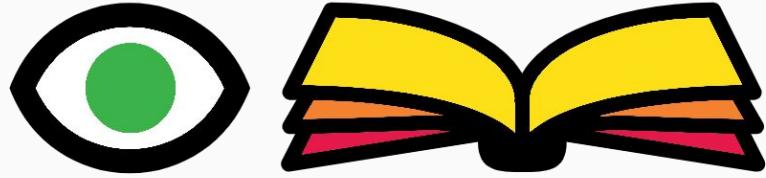
Scalar

Vectors & Lists

Data frame &
Matrices



Reading & Writing



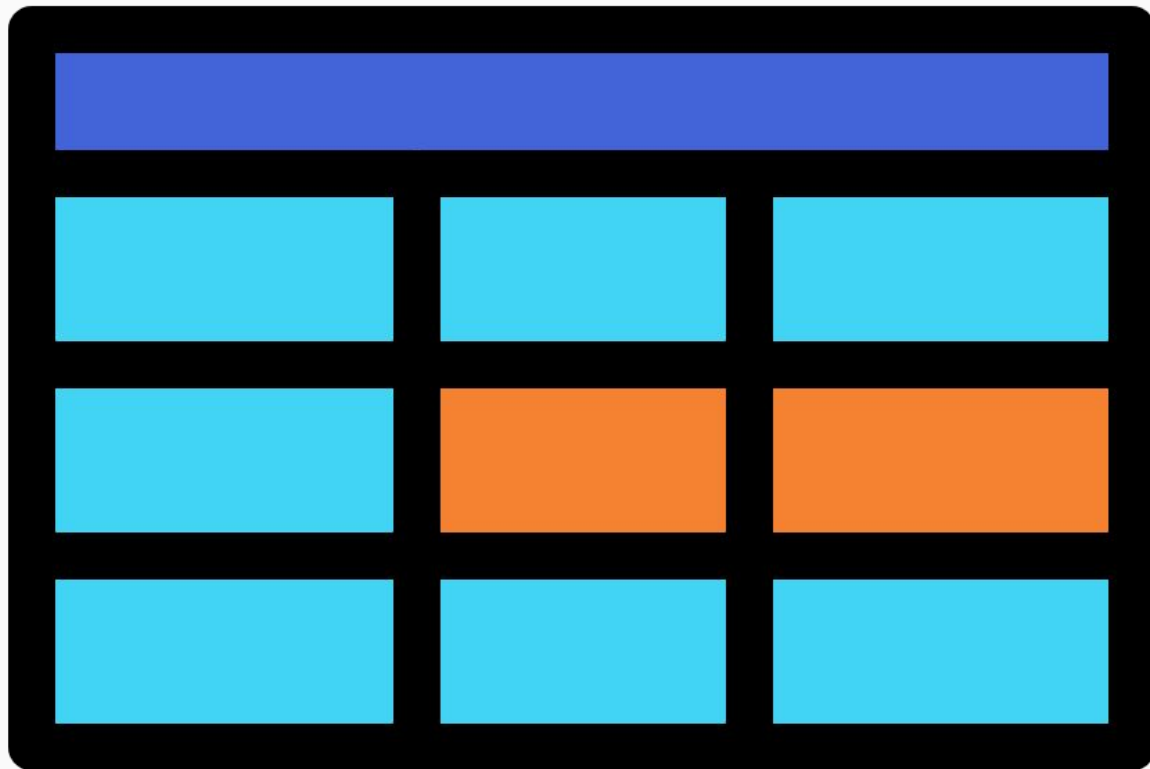
Subsetting

Indexes

Vectors[i]

Data

frames[row,column]



The diagram illustrates a data frame structure. It consists of a header row (blue) and three data rows (light blue). The data rows are organized into three columns. The second and third columns of the second data row are highlighted in orange, indicating a subset of the data.

Handy tips and
tricks

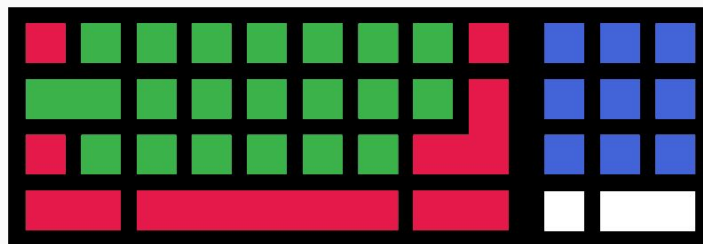
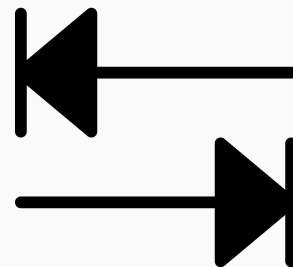
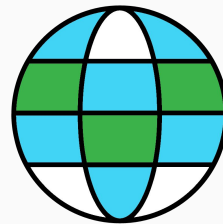
R Conventions

Global options

Sweep

Tab completion

Keyboard shortcuts



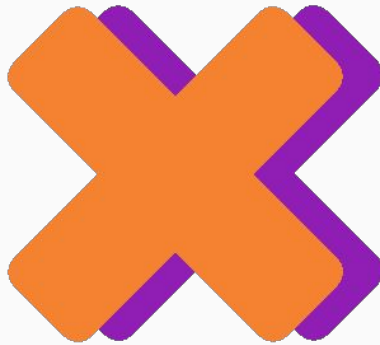
Datasets

Multiplication table

Tea

Worldwide use of
English

New Functions

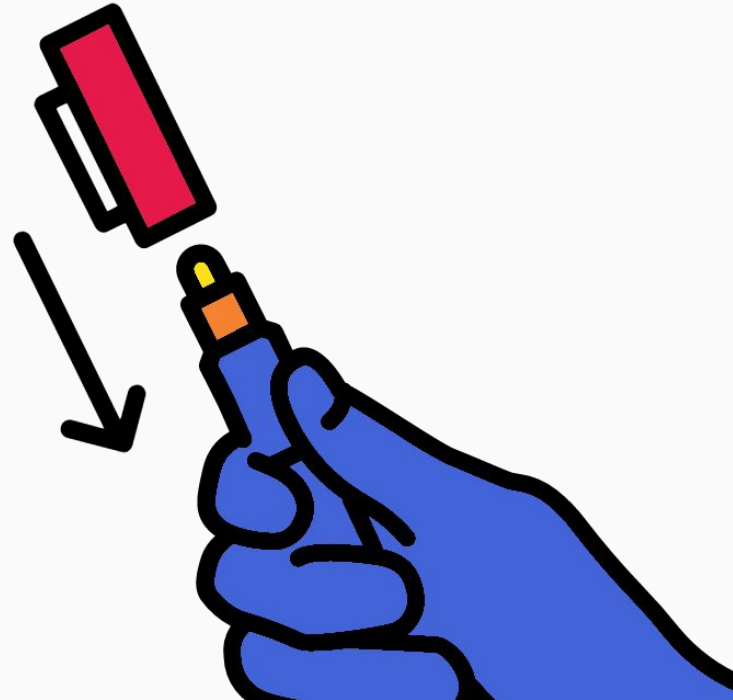


Recap

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Questions?

