

R CHECKLIST

Introduction R

- Installation R Studio (R tools)
- Exploring R Studio
- Variables, Logical Operators
- Data Types (Integer, Boolean ex)
- Download Packages
- Most Used Packages

R – OPERATORS

- Types of Operators
- Arithmetic Operators
- Relational Operators
- Logical Operators
- Assignment Operators
- Miscellaneous Operators

R – Objects

- Vector Creation - Accessing Vector Elements - Vector Manipulation
- Creating a List - Naming List Elements - Accessing List Elements
- Matrices - Accessing Elements of a Matrix - Matrix Computations
- Factors - Generating Factor Levels - Changing the Order of Levels
- Data Frames - Extract Data from Data Frame - Expand Data Frame

Data Import & Export

- Getting and Setting the Working Directory
- Import Excel, CSV, rds ex files
- Finding file with patterns
- Operations with file (Rename, copy)
- Export files
- Import Data from web

Keçdiyiniz mövzuları işarələyərək təlimi daha yaxşı izləyin



Excel VBA



Power BI



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R CHECKLIST

Data Cleaning

- Rules Applied in String Construction
- String Manipulation
- Finding Errors
- Missing Values (Trim, NA)
- Changing data type
- Replace values

Data Manipulation

- MEAN, MEDIAN & MODE
- Filtering data
- Group by, Summarize
- Creating new Field
- Merge data (cbind, rbind)
- Joining Columns and Rows in a Data Frame

R – Logical Functions

- R - If Statement
- R – If...Else Statement
- The if...else if...else Statement
- R – Switch Statement
- R - Repeat Loop
- R - While Loop
- R – For Loop
- Loop Control Statements
- R – Break Statement
- R – Next Statement

R – Plots

- PIE CHARTS
- BAR CHARTS
- BOXPLOTS
- HISTOGRAMS
- LINE GRAPHS
- SCATTERPLOTS

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