

Merging Data Sources with R

MANAGING VECTORS



Dan Tofan

SOFTWARE ENGINEER, PHD

@dan_tofan www.programmingwithdan.com



Overview



Creating a vector from values

Merging values into a vector

Merging vectors into a character vector

Merging vectors into a matrix



Creating a Vector from Values

Consecutive integers

What is a vector?

- same type
- order matters

Combine function – c()

Mixing types



Merging Values into a Vector

At the start/end of vector

Inside vector

One big merge vs. many small merges



Merging Vectors into a Character Vector

Use the paste() function to:

- Merge vectors of length = 1
- Merge vectors of same length > 1
- Merge vectors into one string

Use the paste() function and recycling to:

- Merge vectors of different lengths



Merging Vectors into a Matrix

What is a matrix?

Use the `cbind()`/`rbind()` functions to:

- Merge vectors of length = 1
- Merge vectors of same length > 1
- Merge vectors of different length



Overview



Creating a vector from values

Merging values into a vector

Merging vectors into a character vector

Merging vectors into a matrix

