

Index to LinkedIn Learning R Courses

LinkedIn Learning Authors

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Introduction

This document is an index to courses and topics on the R language available on LinkedIn Learning. It is updated quarterly.

The PDF of this index is available at https://github.com/mnr/LIL_R_Index/blob/master/pdf_output/Index-to-R-Language-Videos-and-Courses-on-LinkedIn-Learning.pdf

List Of Courses

Code Clinic: R

R Programming in Data Science: Dates and Times

R Programming in Data Science: High Variety Data

R Programming in Data Science: High Velocity Data

R Programming in Data Science: High Volume Data

R for Data Science: Lunchbreak Lessons

R Programming in Data Science: Setup and Start

Authors

Mark Niemann-Ross

Symbols

!

&

&&

|

||

[] vs [][]

::

%>%

%<-%

%in%

... %in% and equals

... %in% and string matching

A

`aggregate()`

`agrep()`

`all()`

`all.equal()`

`any()`

`anyduplicated()`

`anyNA()`

apply

...basic use

...with `mean()`

`apropos()`

`Array`

as.Date

`as.Date()`

when to use `as.Date()`

class returned

`as.integer()`

`as.matrix()`

as.POSIX

as.POSIXct()

as.POSIXlt()

when to use as.POSIXct or as.POSIXlt

askYesNo()

B

barplot()

...with factors

...overview

Basic Data Types

bitwAnd()

bitwOr()

bitwShiftL()

bitwShiftR()

bitwXor

bmp()

boxplot()

browser()

by()

C

`c()`

...with vector

...with different types

...to simplify

`cbind()`

`cdplot()`

`ceiling()`

`chartr()`

`char.expand()`

Character datatype

`choose.dirs()`

`choose.files()`

clipboard

clipr

`col()`

`colMeans()`

`colorRamp()`

`colorRampPalette()`

`colors()`

`colSums()`

combn()`combn()`vs `expand.grid()``complete.cases()`

Complex datatype

`coplot()``cowsay()``cummax()``cummin()``cumprod()``cumsum()``cut()`

D

`data()`

`dataentry()`

`data.entry()`

data.frame

...basic concept

...create a variable (column)

...change a variable (column)

...delete a variable (column)

data sets

`dbConnect()`

`dbDisconnect()`

`dbGetQuery()`

`dbReadTable()`

`dbWriteTable()`

debug

`debug()`

debugger

debugonce()

undebug()

default mirror

dev.off()

diag()

difftime()

dimnames()

...with arrays

...overview

dotchart()

dget()

dput()

duplicated()

E

`edit()`

`endsWith()`

`expand.grid()`

F

Factors

file.access()

file.choose

file.info()

file.mode()

file.mtime()

file.size()

fivenum()

fix()

floor()

##flow control{-}

for{}

ifelse()

repeat{}

stopifnot

switch()

while(){}

for {}

formatR

fortune()

fourfoldplot()

G

`gomoku()`

Graphics

`barplot()`

...with factors

...general

`boxplot()`

`cdplot()`

`coplot()`

`dotchart()`

`fourfoldplot()`

`heatmap()`

`hist()`

`matlines()`

`matplot()`

`mosaicplot()`

pie()

spineplot()

stemplot()

stripchart()

sunflowerplot()

grep()

grep()

...grep() and gsub()

gsub()

H

`heatmap()`

hist

`hist()` overview

`hist()` and colors

I

`ifelse()`

`%in%`

`intToBits()`

Integer Datatype

`intersect()`

`is.element()`

`is.na()`

`ISOdate()`

`isSymmetric()`

J

jpeg()

joins

inner and full

left and right

K

L

lapply

`lapply()`

...vs `by()`

length()

...vector

`levels()`

`lines()`

`lintr`

list

...data structure

`list.dirs()`

`list.files()`

`load()`

Logical Datatype

M

`magrittr`

`mapply()`

`match()`

`matlines()`

`matplot()`

`Matrix`

`menu()`

merge

merge and sort

joins: inner and full

joins: left and right

`microbenchmark()` and bitwise

`mine_sweeper()`

`mosiacplot()`

N

NA

na.fail()

na.omit()

nlevels()

O

order

`order()`

sort dataframes two columns

`ordered()`

P

passwords

paste()

...vector

pdf()

person()

pie()

pipes

pipeline

compared to with() and within()

plot()

png()

praise()

praise_parts

psych

Q

R

Raw datatype

`rbind()`

`readClipboard()`

`read.clipboard()`

`read_clip()`

`read.fortunes()`

Real datatype

`repeat{}`

`rnorm()`

`round()`

`row()`

`rowMeans()`

`rsqlite`

`runif()`

S

`sample()`

save

`save()`

`save()` vs `dput()`

`say()`

`select.list()`

`setdiff()`

`setequal()` or `setequal()`

`setTxtProgressBar()`

`signif()`

`sort()`

`spineplot()`

`split()`

`sqldf()`

`startsWith()`

`stemplot()`

`stopifnot()`

str()

- ...lists

- String datatype

- stripchart()

- strptime()

- Style guides

sub()

- sub()

- ...and grep()

- Subsetting

sum()

- ...of factor

- ...of vector

- sunflowerplot()

Swirl

- swirl()

- make a swirl

switch()

- switch()

- ...switch on factors

- ...switch with menu

- Sys.Date()

T

##t(){}-

t()

t() and data.frames

table()

...with factors

table()

tapply() vs by()

tar

tiff()

trunc()

tryCatch()

ts()

txtProgressBar()

txtProgressBar()

setTxtProgressBar()

...and close()

typeof()

U

`undebug()`

`union()`

`unique()`

`unlist()`

`updateR()`

V

Vector Datastructures

Vector Math

W

`weighted.mean()`

`which()`

`while(){}`

with()

... and `table()`

`with()`

`within()`

`write.csv()` vs `dput()`

`writeClipboard()`

`write_clip()`

X

xor

xytable()

Y

Z

zeallot

zip