

# Index to LinkedIn Learning R Courses

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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](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`

`askYesNo()`





# B

## **barplot()**

...with factors

...overview

Basic Data Types

bitwAnd()

bitwOr()

bitwShiftL()

bitwShiftR()

bitwXor

bmp()

boxplot()

browser()

by()



# C

**c()**

...with vector

`cbind()`

`cdplot()`

Character datatype

clipboard

clipr

`colMeans()`

`colorRamp()`

`colorRampPalette()`

`colors()`

`colSums()`

`combn()`

Complex datatype

`coplot()`

`cowsay()`

`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()`

`undebbug()`

default mirror

`dev.off()`

## **`dimnames()`**

...with arrays

...overview

`dotchart()`

# E

`edit()`

`endsWith()`





# F

Factors

`fivenum()`

`fix()`

`formatR`

`fortune()`

`fourfoldplot()`



# G

`gomoku()`

## Graphics

**`barplot()`**

...with factors

...general

`boxplot()`

`cdplot()`

`coplot()`

`dotchart()`

`fourfoldplot()`

`hist()`

`matlines()`

`matplot()`

`mosaicplot()`

`pie()`

spineplot()

stemplot()

stripchart()

sunflowerplot()

## **grep()**

grep()

...grep() and gsub()

gsub()

# H

## hist

hist() overview

hist() and colors



# I

`ifelse()`

`%in%`

`intToBits()`

Integer Datatype

`intersect()`

`is.element()`

`is.na()`





# J

jpeg()

## joins

inner and full

left and right



**K**



# L

## **lapply**

`lapply()`

...vs `by()`

## **length()**

...vector

`levels()`

`lines()`

`lintr`

## **list**

...data structure

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()`

`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

`rnorm()`

`rowMeans()`

`rsqlite`

`runif()`



# S

`sample()`

`say()`

`select.list()`

`setdiff()`

`setequal()` or `setequal()`

`setTxtProgressBar()`

`sort()`

`spineplot()`

`split()`

`sqldf()`

`startsWith()`

`stemplot()`

## **str()**

...lists

String datatype

`stripchart()`

Style guides

## **sub()**

`sub()`

...and `grep()`

Subsetting

## **sum()**

...of factor

...of vector

`sunflowerplot()`

## **switch()**

`switch()`

...switch on factors

...switch with menu

# T

`##t(){}`

`t()`

`t()` and `data.frames`

## **table()**

...with factors

`table()`

`tapply()` vs `by()`

## **txtProgressBar()**

`txtProgressBar()`

`setTxtProgressBar()`

...and `close()`

`tiff()`

`typeof()`



# U

`undebug()`

`union()`

`unlist()`

`updateR()`





# V

Vector Datastructures

Vector Math



# W

## **with()**

... and table()

with()

within()

writeClipboard()

write\_clip()



**X**

xytable()



**Y**





# **Z**

zeallot