

Bonus: working with vapply()



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[This weeks](#) bonus exercise set has a focus on how to work with `vapply()`

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 - Shiny HTML tags
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 - Character Functions
 - Character functions intermediate
 - Tidy the data Up!
 - ROC curves
 - Working with tm package and wordclouds
 - Working with and visualizing a confidence interval
 - Evaluating a linear time series model
 - Peparing data for time series model
 - Rebuilding a Figure
 - Simplifying For loops
 - Students achievement research project
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Bonus: Statistical graphics with R Exercises



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Udemy Discounts: All Courses \$10 (ends today)



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[Bonus: Descriptive statistics with R Exercises](#)



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Bonus: Loading data from the web Exercises



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[This weeks](#) bonus exercise set has a focus on Importing data from the Web

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[Bonus: Shiny HTML tag Exercises](#)



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[This weeks](#) bonus exercise set has a focus on Shiny HTML tags

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Bonus: Introduction to text mining Exercises



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[This week's](#) bonus exercise set has a focus on tekst mining

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Udemy Discounts: All Courses \$10 until this Friday



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[Eleven Udemy Courses to Broaden Your Skills Beyond R](#)

Did you know [Udemy](#) offers many more courses than “just” their [63 R courses](#)? Here are some ideas for those who seek to broaden their data science skills beyond R. And please note: Udemy courses are on sale again for just \$10 per course until this Friday, through the links in this post or our [R Course Finder](#) directory! (Disclaimer: If you sign up for a course using these links, R-exercises earns a commission. It does not impact what you pay for a course, and helps us to keep R-exercises free.)

Python

The debate which language is “best” for data science will perhaps never come to an end. The debate seems to focus on Python vs R in particular, so Python might be logical choice if you’d like to broaden your skill set across multiple languages. Some popular Udemy courses to consider:

- [Python A-Z™: Python For Data Science With Real Exercises!](#) (offered by the same instructor as the popular [R-equivalent](#))
- [Data Science and Machine Learning with Python – Hands On!](#)
- [Complete Python Bootcamp: Go from zero to hero in Python](#)



Tableau

Perhaps you’ve never heard of Tableau (see demo above) if you’re a free software enthusiast. It’s a (paid) data visualization tool with a drag-and-drop user interface that seems to work quite intuitively. You can give it a try during a 14-day free trial period while taking one of the popular Udemy courses:

- [Tableau 10 A-Z: Hands-On Tableau Training For Data Science!](#)
- [Tableau 10 Advanced Training: Master Tableau in Data Science](#)
- [Master Course in Tableau 10 for Business – REAL Life Data](#)

AI / Machine Learning

You could also consider specialty courses in artificial intelligence / machine learning. For example, TensorFlow is an open source software library for machine learning developed by Google. You can learn about it in the course [Data Science: Practical Deep Learning in Theano + TensorFlow](#), together with Theano, a Python library for numerical computation. If you'd like to learn specifically about deep learning, a fairly new area within machine learning, consider [Data Science: Deep Learning in Python](#) and [Deep Learning A-Z™: Hands-On Artificial Neural Networks](#). Alternatively, consider random forests and boosting in: [Ensemble Machine Learning in Python: Random Forest, AdaBoost](#). Finally, reinforcement learning is an exciting area within AI, and offered in the course [Artificial Intelligence: Reinforcement Learning in Python](#).