Package management in R

* Basic commands of package management in R.

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| Install a package | **install.packages("<package\_name>")** |
| Update a package | **update.packages("<package\_name>")** |
| Load a package | **library(<package\_name>)** |
| Get package information | **packageDescription("<package\_name>")** |
| Remove a package | **remove.packages("<package\_name>")** |

* Demo: Installing, using, and removing **plotly** package.

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| **#installing plotly package**  **install.packages("plotly")**  **#loading package for using**  **library(plotly)**  **#getting package information**  **packageDescription("plotly")**  **#ploting a simple graph**  **plot\_ly(x = 2001:2020, y = (1:20)^2, type='bar')**  **#removing plotly package**  **remove.packages("plotly")** |

Let’s practice the above commands with “tidyr” package. Now, answer the following questions.

1. What is the current version of “tidyr” package?
2. What is the purpose of this package?