

Getting_and_Cleaning_Data

1: Manipulating Data with dplyr

```
Console ~/7 Semestre/Progra/Programacion_Actuarial_3_OT16/
...
|=====| 98%
| In this lesson, you learned how to manipulate data using dplyr's five main functions. In the next lesson, we'll
| look at how to take advantage of some other useful features of dplyr to make your life as a data analyst much
| easier.
...
|=====| 100%
| would you like to receive credit for completing this course on Coursera.org?
1: No
2: Yes
Selection: 1
| Excellent work!
| You've reached the end of this lesson! Returning to the main menu...
| Please choose a course, or type 0 to exit swirl.
1: Getting and Cleaning Data
```

2: Grouping and Chaining with dplyr

```
Console ~/
| You are doing so well!
|=====| 98%
| In this lesson, you learned about grouping and chaining using dplyr. You combined some of the
| things you learned in the previous lesson with these more advanced ideas to produce concise,
| readable, and highly effective code. Welcome to the wonderful world of dplyr!
...
|=====| 100%
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1: Yes
2: No
Selection:
Enter an item from the menu, or 0 to exit
Selection: |
```

3: Tidying Data with tidyr

```
Console ~/ 
# ... with 26 more rows

| Keep working like that and you'll get there!

|=====| 98%

| In this lesson, you learned how to tidy data with tidyr and dplyr. These tools will help you
| spend less time and energy getting your data ready to analyze and more time actually analyzing
| it.
...

|=====| 100%

| would you like to receive credit for completing this course on Coursera.org?
1: Yes
2: No
selection: |
```

4: Dates and Times with lubridate

```
Console ~/ 

|=====| 98%

| This concludes our introduction to working with dates and times in lubridate. I created a little
| timer that started running in the background when you began this lesson. Type stopwatch() to see
| how long you've been working!
> stopwatch()
[1] "14M 25.680526971817s"

| Perseverance, that's the answer.

|=====| 100%

| would you like to receive credit for completing this course on Coursera.org?
1: Yes
2: No
selection: 2
```