# Instructor/Developer Workshop Review

Review by Hub2 employee who is familiar with the topic being taught (assessing as an instructor)

3 passes – skim for basic components > work through each step of workshop > pretend teach

## Pass 1: Does the workshop contain the following basic components:

1. What do the workshop materials include (content + file format)? (i.e. script file, .R file)

|  |  |
| --- | --- |
| **Content** | **Format** |
| R file | r (. R) |
| R packages | Link |
| Shortcut keys | Link |
|  |  |

1. Is there a workshop description included in the material? (yes/no)

* No, the workshop didn’t have an overview of what is going to be addressed in the material (e.g., health data, educational data, census data etc.) but the document did have a contents page with a description of topics addresses in each of the R functions that were explained.

1. Is there a time listed for how long the workshop should take?

* No, the time isn't listed in the pdf but it would take around 2 to 2&1/2 hrs. for this workshop to complete according to me with practicing of some of the parts.

1. Are the workshop pre-requisites stated explicitly at the beginning? (Should be stated even if there are 0 pre-requisites)

* No pre requisites were stated in terms of downloads or base requirement/ experience to attend this workshop

1. What are the pre-requisites for the workshop (stated implicitly or explicitly) - don't forget simple things like download/unzipping files, moving files between folders, understanding file paths.

* There are quite a few pre requisites for the workshops, like finding the data files, understanding the file types and a basic understanding of statistical formulas and types.

1. Are the workshop goals stated explicitly (yes/no)?

* No, the workshop goals aren't stated explicitly, it states to be a beginner workshop but requires quite a bit knowledge of Statistics and focuses on explaining R’S role in getting the statistical output directly rather than explaining R’S different functions like wrangling, framing, visualizing etc.

1. What are (or seem to be) the workshop goals?

* The goal of the workshop is to help in data analysis and rather than visualization and programming as it concentrates on explaining different coding required for various statistical analysis

1. What "final product" would students end up with if they followed along with the whole workshop?

* The student will understand the basic functioning of R, its interface and how to obtain data analytical solutions with the help of R studio

## Pass 2: Walkthrough the Workshop – Can you complete it as intended?

1. Does the workshop include all the materials needed to follow along (i.e. data file, script, etc.)

* It did include the R file but I didn’t find a link for the data sets used in the analytical problems .

1. Can you complete the workshop as intended without errors? (i.e. are there code errors? Missing instructions?)

* Yes, if you follow the steps correctly you and have a basic understanding of coding you can complete the workshop

1. If you were to teach this workshop, can you follow each step clearly enough to teach it (and understand the concept the original creator was trying to get across) (yes/no)?

* The steps were not that clear, I would definitely change the flow of few things and give a better overview of R and its functions and also state that this workshop with provide information on Data analytics and basics of data visualization. I would also try to have two data sets that could be used for different statistical functions.

1. If no, which parts of the workshop are unclear or need work?

* The flow of the workshop is unclear there needs to be overview of different functions. The data sets for all the analytical problems also should have been in sync or of same kind of genre for better relatability ( eg . From health field, pollution impact or educational / academic data)

## Pass 3: Mock Teach

Walk through the workshop one more time, pretending you are teaching to a crowd (i.e talk out loud or to yourself, making sure you are going as slow as you would in a teaching scenario) & time yourself while you are teaching.

1. How long did it take to teach the workshop?

* Aroun 2 to 2&½ hours

1. Were there any awkward sections, are there areas you would change the order of the content? Describe:

* Yes, I would provide more overview about the data analytics function of R and also put in steps for installation of the software and cleaning the data before use.

1. Were there places you felt you needed to add more context that wasn’t included in the workshop materials? Describe:

* I would add more data cleaning and organizing context before jumping into the statistical functions of R

1. If the workshop takes too long (>2.5 hours) what could be left out?

* This question doesn’t apply

1. Anything else that could be added to enhance the workshop?

* The steps to installation, data collection links and a quick overview of important or frequently used R packages could be added.

On a scale from 1-10, how would you rank the re-usability of this workshop?

(1 - poor, needs to be scrapped/start from scratch, 10 - excellent, can be used as is, 5 - ok, can be used with modifications/improvements)

I would rate the workshop a 6

Is this a workshop that you would enjoy teaching? (yes/no), What would make this workshop more engaging to teach?

* Yes, I would enjoy the workshop but by increasing the relatability of the data and by providing data files so that the audience can parallelly practice can make the workshop more engaging

Any other comments that can help improve this workshop: