# 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 code | R script |
| R built in functions | link |
| R library | Dataset |
| Percentiles | Video link |

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

* No, however the workshop does contain a contents page about the sub topics addressed in the workshop

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

* No, the time is not listed but it should approximately take 2 ½ hours with some basic knowledge of the R studio.

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

* No pre requisite were stated in the description of the workshop. The workshop does contain statistical analysis the basic aspects of which should be known to the attendees

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.

* R code file to practice the exercise, built in function links.

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

* No, the workshop caters to the data visualization function of R studio with basic explanation of R functions.

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

* To teach about the common built-in functions and creation of manual function, data visualization and its type with an explanation of their suitable usage and hypothesis testing for different statistical analysis using R.

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

* Learn to create different visualization for a given dataset which will enhance the understanding of the problem and derive more solutions from the dataset. Hypothesis testing will help solidify the reliability of the dataset and its accuracy to be used in future analysis.

## 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.)

* Yes, the workshop includes all the material needed but it should have included a separate zip folder for all the data in the links, codes and reference files.

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

* Yes, the workshop is pretty straightforward and could be completed if one has a basic hand – on training in R

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)?

* I can definitely understand the steps but would also include specification as to where and how each function would be applicable.

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

* The Workshop in data visualization uses the basic plot function which is basic for an intermediate level and should be replaced by the gg plot package in RStudio to get a better output.

## 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?

* It would take about 11/2 to 2 hours to teach the workshop

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

* The content was good enough for the intermediate level but I would definitely have a section to explain the dplyr and gg plot package of R to make the data crisper and more accurate.

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

* As stated above I would prefer some briefing about the frequently used R packages and also teach some advance functions in R like join, union, sort filter etc.

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

* The workshop is within the time frame of 2.5 hrs.

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

* The workshop could add a description, what its focusing on and for whom is the workshop useful for ( eg :- health professionals, Management studies, architects etc)

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 will rate the workshop a 7.5/10 as it has most of the things in place but with an addition of few basic topics the usability of the functions thought would become simpler and the attendees can create a faster output in R for their perusal.

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

* Yes I would enjoy teaching this workshop, however inclusion of some quiz questions or polls would make this workshop more engaging.

Any other comments that can help improve this workshop: