
Carlos Garza

10239725

EDTC 6320

UTRGV

Conditional Formatting

14th August 2021

Purpose

The learner will understand how to use conditional formatting in spreadsheets. In this case, teachers will apply conditional formatting to a Google Sheet based on grades of students and completed with all errors corrected.

Profiles

Although this training was targeting teachers, anyone can learn from this training and use the information to implement in their jobs.

100% of the participants were educators.

- 50% Male, %50 Female
- 50% Teacher, 50% Other

Location

Due to safety concerns, 100% of the participants were remote asynchronous. There is no further information on where or when they took this training.

Method

The training is available on <https://j.mp/edtc6323-c> where at the end there is an assessment.

The rubric is available both online and in the assessment. The assessment is a Google Sheet which contains instructions and the rubric in one tab and pre-filled data in the other tab where the assessment will take place.

There were also two Google Forms before and after the training and assessment to gather information remotely and asynchronously.

Results

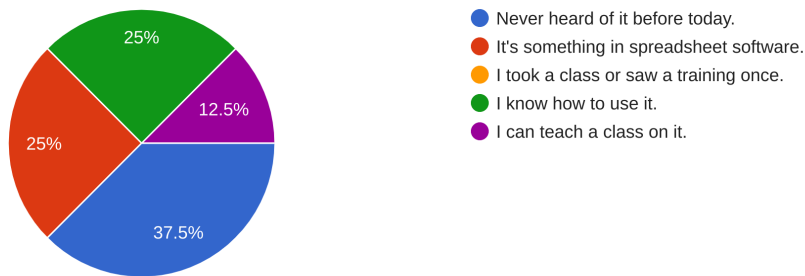
100% of the results were 10 / 10 points. The two possibilities are that either a better assessment needs to be created, or the training was effective.

Topic Confidence

The average topic confidence score for the participants was 2.5 / 5 and by the end of the assessment it was 4.5 / 5. This supports the idea that the training was effective.

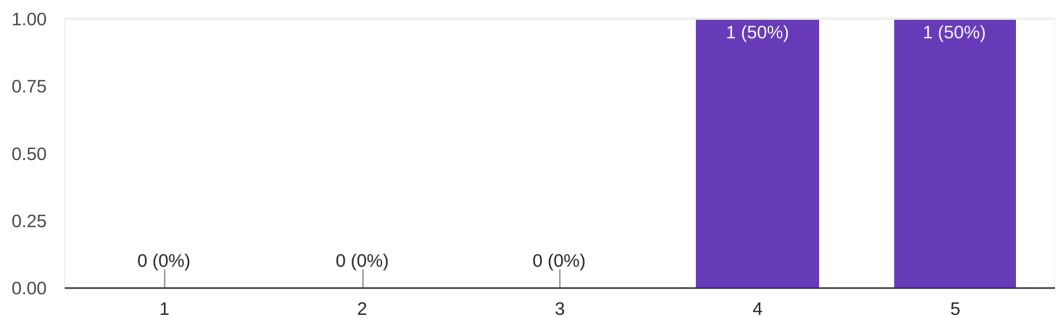
Pre Confidence Score

Experience with Conditional Formatting
8 responses



Post Confidence Score

Are you better prepared?
2 responses



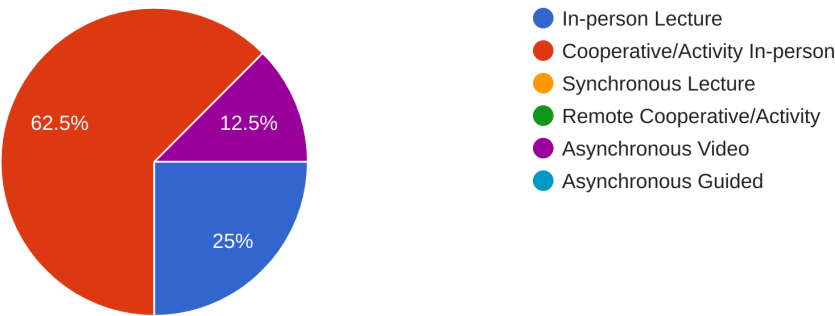
Training Preference

The average preference for training where 0 is in-person lecture (least like the training) was 0 / 5. However, at the end, the satisfaction of the training was 4.5 / 5. This evidence also supports the effectiveness of the training.

Preference (Pre)

What is your preferred method of learning?

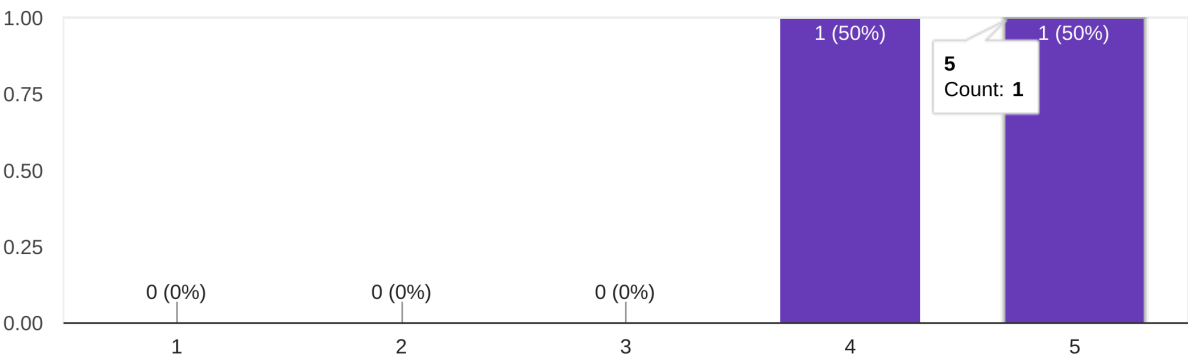
8 responses



Satisfaction (Post)

How would you rate the training?

2 responses

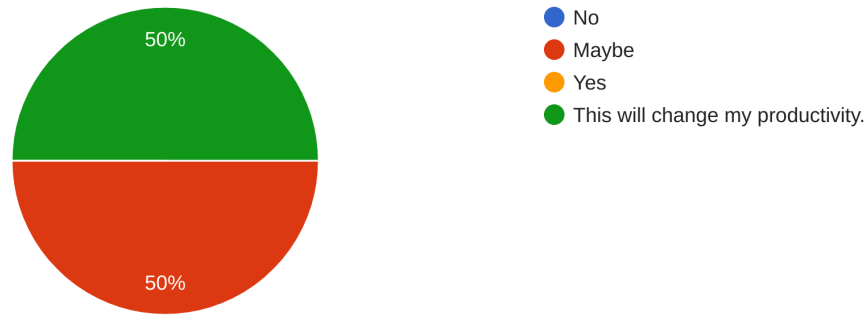


Usefulness

Even if the training was successful, will the training be useful for them? The score here where 0 is no future implementation was an average of 2 / 3.

Will you use this in the future?

2 responses



Reaction

Although it is evident that the training was successful, it is not evident that it is important or necessary. This may have been due to low number of successful completions.

Revision

More feedback is required for a better understanding. Better wording can be used so that this training is not just for gradebooks. Further revision is required.

Appendices

Appendix: Pre-Eval

The following are the questions that were asked before the training.

1. Experience with Conditional Formatting
 - Never heard of it before today.
 - It's something in spreadsheet software.
 - I took a class or saw a training once.
 - I know how to use it.
 - I can teach a class on it.

2. What is your preferred method of learning?

- In-person Lecture
- Cooperative/Activity In-person
- Synchronous Lecture
- Remote Cooperative/Activity
- Asynchronous Video
- Asynchronous Guided

Appendix: Rubric

The following rubric was used to assess the performance of conditional formatting.

RUBRIC: 10 Point Scale (Instructor may change point system)			
CRITERIA	Proficien	Efficient	Needs Improvement
Colors	2 pts: Clear definition between passing and failing scores	1 pt: Able to determine passing and failing scores	0 pts: Unable to determine passing and failing scores OR Not shared
Condition Type	2 pts: Color Scale with defined Minpoin & Maxpoint	1 pt: Single Color with multiple rules	0 pts: Single Color with one rule OR Not shared
Changing	6 pts: Formatting changes even when adding a new student	4 pts: Formatting changes when scores change	0 pts: Formatting does not change when scores change OR Not shared

Appendix: Post-Eval

The following are the questions that were asked after the assessment.

1. Are you better prepared?
 - On a scale from 1 (I learned nothing.) to 5 (I can teach a class on it.).
2. How would you rate the training?
 - On a scale from 1 (I prefer Large Class Lecture.) to 5 (This was perfect for me.).
3. Will you use this in the future?
 - No
 - Maybe
 - Yes
 - This will change my productivity.