AN INTRODUCTION TO QUALITATIVE DATA ANALYSIS



WHAT IS CODING?

Coding is a way to analyze data from qualitative narrative-style data. Coding is the core part of grounded theory. Where you don't approach the data with an idea of what the outcome will be but is an inductive approach that looks for emergent themes within the data.

OPEN CODE

Step one of analyzing qualitative data is open coding. Open code finds common themes within the interviews that relate to the research questions. The best way to do this is to just copy over parts from the interview which is why having the transcription of the interview is needed.

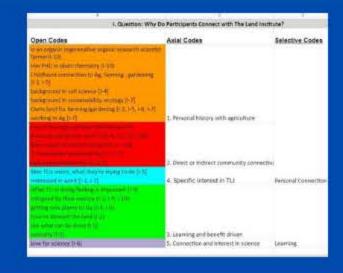


AXIAL CODE

Step two of analyzing qualitative data is axial coding Axial code takes what was found in the open code and narrows it down more. By looking for common themes within the open code to find patterns within the data

SELECTIVE CODE

Step three of analyzing qualitative data is selective coding. Selective code is more abstract and broad than the axial code. It breaks down the axial code once more and put the codes under more of an umbrella term.



Selective Codes Axial Codes Personal history in agriculture Personal Direct or indirect community connection to by TLL head and and the TLL Specific interest in TLL Learning and benefit driven Learning Connection and the selection of th

Communicating Qualitative Results

Figures like this one are a great way to visualize results from doing this method of coding. The end result should be a couple of the main takeaways from the original data. These main takeaways are what can be used to answer the research questions.

References

VOLLSTEDT, M., & REZAT, S. (2019). AN INTRODUCTION TO GROUNDED THEORY WITH A SPECIAL FOCUS ON AXIAL CODING AND THE CODING PARADIGM. IN G. KAISER & N. PRESMEG (EDS.), COMPENDIUM FOR EARLY CAREER RESEARCHERS IN MATHEMATICS EDUCATION (PP. 81-100). SPRINGER INTERNATIONAL PUBLISHING. HTTPS://DOI.ORG/10.1007/978-3-030-15636-7_4 WILLIAMS, M., & MOSER, T. (2019). THE ART OF CODING AND THEMATIC EXPLORATION IN QUALITATIVE RESEARCH. INTERNATIONAL MANAGEMENT REVIEW, 15(1), 45-55. HTTPS://EZPROXYZ.LIBRARY.COLOSTATE.EDU/LOGIN?

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