

# QUALITATIVE DATA ANALYSIS WITH ATLAS.ti 8 WINDOWS

**Language** *English*

**Instructor**

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**Type of course**

Three sessions of 6 hours each.

**Requirements**

ATLAS.ti 8 Windows demo or full versions.

## Learning Objectives

- Participants will learn about the methodological principles behind ATLAS.ti
- Participants will learn about the role of ATLAS.ti in the research process
- Participants will learn the fundamental functions and procedures of ATLAS.ti
- Participants will learn to use ATLAS.ti in data analysis following an approach emphasizing data integration, organization, and constant documentation of the process.

## Outline | Day 1

### I. Introduction to ATLAS.ti

1. Conceptual introduction
  - a. Qualitative data analysis.
  - b. Computer-assisted qualitative data analysis.
  - c. What does ATLAS.ti do?
  - d. A work model for ATLAS.ti.
2. The components of an ATLAS.ti project.
  - a. What is the project?
  - b. The objects of the project?

## II. Setting up the HU

1. Creating the project
  - a. Saving the project
  - b. Commenting the project
2. Adding/importing and loading the project's documents
  - a. Adding/importing source documents
  - b. Accessing the documents through drop-down menu and side panel/Navigator
  - c. Accessing documents in the Manager
  - d. Commenting on documents.
3. Organizing documents in groups/families.
  - a. Definitions and applications.
  - b. Creating groups/families.

## III. Data Segmentation

4. Definitions and applications
5. Selecting segments in the documents and creating free quotations
6. Renaming quotations
7. Commenting quotations

## IV. Writing Reflections in the Form of Memos

8. Definitions and applications
9. The Research Diary memo
10. Using the Research Diary memo to describe the data segmentation process
11. Incorporating quotations into the memo
12. Linking memos to quotations

## Outline | Day 2

## V. Coding

13. Definitions and applications.
14. Two approaches: inductive and deductive
15. Creating codes inductively
  - a. In vivo coding
  - b. Open coding

- 16. Creating codes deductively: Free codes
- 17. Coding using different strategies

## VI. Data Exploration and Analysis

- 18. Semantic linkages between codes
  - a. Definitions and applications
  - b. Linking the codes
  - c. Representing the linkage graphically

### Outline | Day 3

- 19. Word frequency counts: The Word Cruncher
  - a. Definitions and applications
  - b. Producing output as a spreadsheet
  - c. Producing output as word cloud
  - d. Filtering by document family
  - e. Exception list
- 20. Co-occurrences
  - a. Definitions and applications
  - b. Approaches to identify co-occurrences
    - i. The Code Co-occurrence output
    - ii. The Code Co-occurrence Explorer
    - iii. The Code Co-occurrence Table
- 21. The Query Tool
  - a. Definitions and applications
  - b. The operators
  - c. Using the tool with Boolean operators
  - d. Filtering the query by documents and families
- 22. The Code-DocumentTable
  - a. Definitions and applications
  - b. Quotation count
  - c. Word count
- 23. Survey importation
- 24. Teamwork

## References

- Bernard, H. R., & Ryan, G. W. (2010). *Analyzing Qualitative Data: Systematic Approaches*. Los Angeles, CA: SAGE Publications, Inc.
- Creswell, J. W. (2013). *Qualitative Inquiry and Research Design: Choosing Among Five Approaches*. Los Angeles, CA: SAGE Publications, Inc.
- Friese, S. (2014). *Qualitative Data Analysis with ATLAS.ti (2nd ed.)*. London: SAGE Publications Ltd.
- Guest, G., MacQueen, K. M., & Namey, E. E. (2012). *Applied Thematic Analysis*. Los Angeles, CA: SAGE Publications, Inc.
- Miles, M. B., Huberman, A. M., & Saldaña, J. (2014). *Qualitative Data Analysis: A Methods Sourcebook*. Los Angeles, CA: SAGE Publications, Inc.
- Saldaña, J. (2013). *The Coding Manual for Qualitative Researchers (2nd ed.)*. Los Angeles, CA: SAGE Publications Ltd.
- Silver, C., & Lewins, A. (2014). *Using Software in Qualitative Research: A Step-by-Step Guide (2nd ed.)*. London: SAGE Publications Ltd.
- Wolcott, H. F. (2009). *Writing Up Qualitative Research (3rd ed.)*. Thousand Oaks, CA: SAGE Publications, Inc.
- Wolcott, H. F. (1994). *Transforming Qualitative Data: Description, Analysis and Interpretation*. Thousand Oaks, CA: SAGE Publications, Inc.