

Qualitative Data Analysis with ATLAS.ti

Language *English*

Type of course Face-to-face taught in two full days

Material Participants will be given a hard copy of the teaching slides and electronic copies of the documents that will be used in class

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Learning Objectives

1. Participants will learn about computer-assisted qualitative data analysis.
2. Participants will learn about the methodological principles behind ATLAS.ti.
3. Participants will learn the fundamental functions and procedures of ATLAS.ti.
4. Participants will learn to use ATLAS.ti in data analysis following an approach emphasizing data integration, organization, and constant documentation of the process.

Methodology

1. The instructor will introduce the structure of an ATLAS.ti project and the methodological principles behind it. This will be done using a Power Point.
2. The instructor and the participants will build together an analysis project with the software and will go through the procedures of a typical project: setting-up, segmentation and coding, analysis and outputs.
3. All in class will work with a set of documents belonging to the participants with the analysis structure following the participants' research questions and objectives.

Outline | Day 1

I. General Principles of a Qualitative Research

1. Concept of a qualitative research
2. Qualitative traditions
3. Data collection, analysis and validation
4. Reporting the findings

II. Introduction to ATLAS.ti

1. Definitions and applications
2. Main features of ATLAS.ti

III. Special Handling of Documents for Literature Review

1. Who, what, when, why, how?
2. Best practices of LR using ATLAS.ti

IV. Setting up a Project i.e. „Hermeneutic Unit“

1. Creating a Hermeneutic Unit (HU)
2. Importing Primary Documents (PDs)
3. Importing Survey Data
4. Organising PDs into Families

V. Data Segmentation and Coding

1. Segmentation through free quotations
2. Coding inductively: open coding and in vivo coding
3. Creating a set of free codes (a priori codes)
4. Coding with a priori codes (deductively)
5. Organising Codes into Families
6. Auto-coding (textual documents only)
7. Word frequency counts: the Word Cruncher

Outline | Day 2

VI. Memos and Comments

1. Creating Memos: free and linked
2. Comments to PDs, Quotes, Codes, Memos, Networks
3. Linking memos/comments to PDs, Quotes and Codes

VII. Analysis Tools

1. Network views: Visualising the analysis
 - a. Linkages between objects in the HU
 - b. Code-to-code linkages and hyperlinks
 - c. Saving the network as a graphic file
 - d. The Code-Forest and the Code-Tree
2. Co-Occurrences
 - a. The Code Co-occurrence output
 - b. The Code Co-occurrence Explorer
 - c. The Code Co-occurrence Table
3. The Query Tool
 - a. The operators
 - b. Using the tool with Boolean operators
 - c. Filtering the query by documents and families

VIII. Outputs

1. Textual outputs of PDs, Quotations, Codes, Memos
2. Numerical output: The Code-PD Table
 - a. Definitions and applications
 - b. Quotation count
 - c. Word count

IX. Backing up the HU

1. Definitions and applications
2. Safety measures for backup purposes
3. Creating and installing bundles