Qualitative Data Management and Thematic Analysis using NVivo

TRAINING OPTIONS AND DATES

Online training
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Face-to-face training
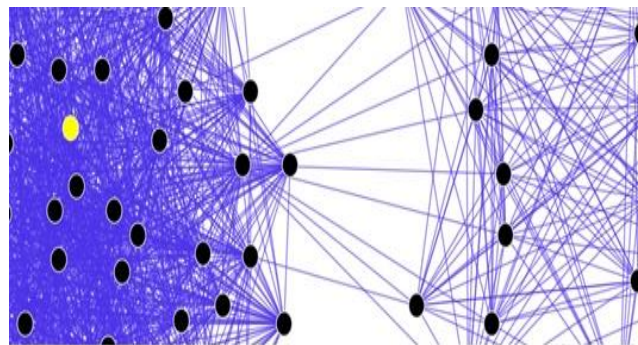Click to view available training dates

Duration
5 Days

Fees
USD. 400 (for online trainings)
USD. 850 (for face-to-face trainings)

NVIVO

Course Description

Most research activities nowadays employ the use of mixed methods that embrace both qualitative and quantitative data. Managing and analyzing qualitative data can be a trying experience. Qualitative data is multifaceted, rich in nature, unstructured and at times can be overwhelming. Qualitative researchers now have the option to apply computer technology in their approach for data management and analysis to ease the complexity of the research process. This course aims to build the capacity of qualitative researchers in qualitative data management and analysis using NVivo software. NVivo is designed for qualitative researchers working with very rich text-based and/or multimedia information, where deep levels of analysis on small or large volumes of data are required. The software has many features that can assist to simplify the whole process of doing qualitative research.

Learning outcomes

By the end of this course the participants will be able to:

- Understand qualitative analysis approaches
- Understand different qualitative data collection methods
- Import data from virtually any source
- Analyze data with advanced management, query, and visualization tools
- Ask complex questions of your data to identify themes and draw clear conclusions
- Achieve more robust research results in less time
- Merge quantitative research findings with qualitative research findings.
- Write quality reports that arise from qualitative research process.

Who should enroll?

This training course is ideal for researchers and data handling professionals such as M&E staff. The course aims at improving the capacity of qualitative researchers who want to "technologize" their approach in qualitative data management and analysis.

Why train with us?

Vital Extra Learning guarantees our clients:

- State-of-the-art facilities and training infrastructure
- Extended tradition of hand-holding during post engagement
- Service delivery through highly seasoned industry experts.
- Value for money

TOPICS TO BE COVERED
Module 1: Introduction

- Introduction to Qualitative Research
- What is qualitative research?
- Dimensions of qualitative methods
- Qualitative research approaches
- Qualitative data collection methods
- Qualitative research study design
- M&E strategy (purpose; goal and objectives; process of developing)

Preliminaries of Qualitative data Analysis
- What is qualitative data analysis
- Approaches in Qualitative data analysis; deductive and inductive approach
- Points of focus in analysis of text data
- Principles of Qualitative data analysis
- Process of Qualitative data analysis

Introduction to NVivo
- NVivo Key terms
- NVivo interface
- NVivo workspace
- Use of NVivo ribbons

Module 2: Project Management
- NVivo Projects
- Creating new projects
- Merging, importing and exporting projects
- Managing projects
- Working with different data sources

Nodes in NVivo
- Theme codes
- Case nodes
- Relationships nodes
- Node matrices

Classifications
- Source classifications
- Case classifications
- Node classifications

Module 3: Coding and Analysis
- Coding
- Data-driven vs theory-driven coding
- Analytic coding
- Descriptive coding
- Thematic coding
- Tree coding

Thematic Analysis using NVivo
- Organize, store and retrieve data
- Cluster sources based on the words they contain
- Text searches and word counts through word frequency queries.
- Examine themes and structure in your content

Memos Annotations and Links
- Linked memos
- Adding annotation to selected content
- See also link

Queries using NVivo
- Queries for textual analysis
- Queries for exploring coding

Module 4: Analysis, interpretation and visualization
Building on the Analysis
- Content Analysis; Descriptive, interpretative
- Narrative Analysis
- Discourse Analysis
- Grounded Theory
- Framework Analysis

Qualitative Analysis Results Interpretation
- Comparing analysis results with research questions
- Summarizing finding under major categories
- Drawing conclusions and lessons learned

Visualizing NVivo project
- Display data in charts
- Creating models and graphs to visualize connections
- Tree maps and cluster analysis diagrams

Module 5: Triangulation of Data Sources and Reporting
- Triangulation of Data Sources
- Triangulating with quantitative data
- Using different participatory techniques to measure the same indicator
- Comparing analysis from different data sources
- Checking the consistency on respondent on similar topic

Qualitative Report Writing
- Qualitative report format
- Reporting qualitative research
- Reporting content
- Interpretation