

# QUESTIONNAIRE DESIGN & DATA ANALYSIS WITH EXCEL

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Teacher voices must inform classroom practice and this can only happen if classroom practice is informed by classroom investigation by teachers. This is a capacity-building course that develops teachers' ability to research their own teaching contexts. The course focuses on the design and use of questionnaires as a data collection tool for research in ELT contexts. It also explores the use of Microsoft Excel to analyze the data that has been obtained through the questionnaires.

## *Objectives*

At the end of this course, participants will be able to:

- employ effective design principles when developing questionnaires
- use a variety of rating scales to match specific research requirements when designing questionnaires
- use Microsoft Excel to run a variety of statistical procedures (including crosstabs) on the questionnaire data
- interpret, analyze and report the data obtained from the statistical analysis

## *Content*

The course content will include the following:

- De-constructing sample questionnaires
- Constructing questionnaires to obtain demographic, quantitative and self-report data using a variety of rating scales
- Running statistical analyses on sample data sets using Microsoft Excel
- Interpreting and analyzing data obtained from the statistical analysis
- Writing up a research report

## *Duration*

4 days (24 contact hours)

## *Modes of Delivery*

The course will be conducted through a series of interactive lectures, workshops, practical sessions, group discussions and presentations. Participants will be required to construct an action plan which will help them implement the ideas and techniques they have acquired.

## *Participants*

This course is designed for trained English language teachers who are interested in researching their classroom practice.