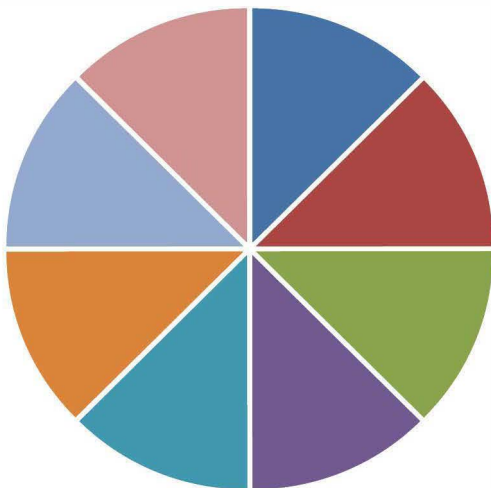


# Introductory Short Course on Statistics and Data Analysis for research purposes using SPSS

This short course aims to equip participants with the skills necessary to understand, analyse and interpret the statistical output obtained from the computer software SPSS in order to answer specific research questions. In addition, the participant will gain knowledge on how to approach the process of designing a questionnaire as a data collection tool and evaluate the validity and reliability of these questionnaires.

## You will learn to do the following:



- Discuss descriptive statistical measures and graphs
- Explain the different inferential statistical procedures
- Identify the most suitable technique for a given quantitative research problem
- Calculate and display descriptive statistical measures, graphs and statistical inferential techniques
- Design and construct a questionnaire
- Identify and extract constructs from a multivariate dataset by using exploratory factor analysis
- Discuss methods to evaluate the reliability of the extracted constructs
- Interpret and Report the output from the various statistical techniques

- ❖ Duration: 3 days
- ❖ Cost: R 4 000-00

Discount available for NWU students and personnel

**Date:**

**Januarie 2019**

**Where:**

**NWU Potchefstroom campus**



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