# still frontier Konsult cc

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### Statistics and Data Management in Public and Private Agencies Programme
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Duration: one week          Location: Pot Elizabeth

## Preamble
Today's business managers face greater complexities than ever before from uncertainty, dynamism and strategic discontinuities. Statistics provide managers with more confidence in dealing with uncertainty in spite of the flood of available data; it enables managers to move more quickly; make smarter decisions and provide leadership to others relying on them. Statistics back up assertions, it negates the risk based on unsubstantiated opinions. Statistics provide objective goals with hard evidence to substantiate positions or provide a level of certainty to directions to take public, private and government agencies.

Any research require some level of data management. Data management or information management is the conscious process by which information is gathered and used to assist in decision making **at all levels** of an organisation. Researchers are obliged to publish their findings so as to advance knowledge on the research topics.

## Objectives:
This course seeks to provide participants with the practical ability to manage information: collect data, set capta, derive information using statistics theories in order to generate knowledge for the organisation.

## Course Outline:
- Organisation and society
- Information economy
- Data management process
- System and technology
- Strategy and change
- Statistics for management
- Research Design and Quality Management
- Research in social and managerial sciences
- Importance of statistics in management decision making

## Who should attend?
Courses are designed for all professionals who require an understanding of research methodology, statistical analyses and knowledge management (data & information) for strategic decision making.  It also enable them engage published research works and/or undertake their own research enquiries.

<u>Training methodology:</u>

The techniques that we discuss in these workshops are relevant to any field where a meta-analysis might be employed. This programme is an interactive mixture of lecture, discussion groups, team activities and practice on various case studies and video sequences. It provides the latest instructional technologies to enable the delegate to learn and apply the skills and techniques used in the programmes.

*Diary*

Day 1:
- Questionnaire Design
- Data Capturing
- Data Screening
- Descriptive Statistics
- Graphical Display of Results

Day 2:
- Elements of statistical theory
- Confidence intervals
- Hypothesis Testing

Day 3:
- Correlation
- Regression
- Exploratory Factor Analysis
- Reliability and Validity will be briefly presented but emphasis will be on multi-variable tests i.e. analysis of variance, multiple linear regression and logistic regression.

## Course Methodology

The mode of instruction is a combination of theoretical sessions by subject-matter interspersed with discussions and practical exercises. We encourage participants to come with their challenges so that we can offer resolve same as a class.

## Who Should Attend?

This programme is aimed at senior managers who are responsible for managing managers and who are eager to benchmark and further their potentials.

## Course Details:

The fee covers plenary session, stationaries, laptop, refreshment, session lunch, certification and excursions or professional visits.