summitBI Tableau Analytics Training

World-class business intelligence solutions

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Tableau is one of the world's most-used business intelligence tool used by business professionals in finance, risk, operations, credit, research, to mention but a few. These tools have been implemented by our team of consultants in several top 1000 tax-paying organisations in East Africa. These tools have been applied in a vast number of sectors from Financial and Insurance Services, MDAs, Manufacturing companies, professional services, telecoms, utility companies, engineering, Hospitality Management, Real Estate, Education, NGOs to more robust research project-oriented organisations.

summitBI Tableau Training Overview

Our Tableau classes help you learn this BI tool and work on the concepts of data visualization with a firm understanding of its architecture. You will become proficient in the concepts of filters, parameters, maps, graphs, dashboards, and table calculation. Furthermore, you will learn about data blending, data aggregation, among others. The duration of the training is 40 contact hours of intensive study or 5 -days of Bootcamp training.

What will you learn in this Tableau training?

a. Introduction to Tableau
b. Working with its dashboard
c. Implementing data blending and aggregation
d. Data visualization and real-time analytics
e. Generated fields and special fields
f. Connections for organizing data
g. Tableau graphs, reports, and calculations
h. Practical insights to do it yourself and excel in data analytics

How difficult is the Tableau certification course?

This is one of the most popular Business Intelligence (BI) and data visualization tools today. It is a complex BI tool, but by enrolling in IFIS' Tableau training, you will get to learn it from the experts. You will work on assignments and exercises, which will help you apply the concepts in real life and enhance your learning. You will also work on real-world projects to gain hands-on experience.

Who are the trainers?

All our trainers are experts in this BI tool. Coming from leading industries, they are certified professionals who have a lot of experience in this field. All of them have worked with this tool for a long time with deep knowledge in it.

How much does Tableau certification cost?

You have two options:

Option 1: Instructor-led study, individual pricing.

The course will cost you **about US$690 net** for the instructor-led training mode. The classes are led by instructors who are experts in this field. They are conducted regularly wherein you can use the online forum to interact with the trainer and clear your doubts. We conduct regular classes of a minimum of 4 people or more per intake. In the case of corporate training to a team of more than five (5) people, we can negotiate the fee for a customized training program.

Option 2: Online self-paced program

If you do not have the time to attend these lectures regularly and you want to complete the program at your own pace, then you can sign up for our self-paced program in which you will get the necessary material and video lectures throughout your lifetime.

This will cost you US $250 net per person. You can take your own time to complete the course and receive your certificate.

Is coding required to learn Tableau?

One of the best things about this tool is that you do not need to have any prior technical knowledge in any programming language to use it. However, to clear the Tableau Desktop certification exam and become a successful professional, you need to be good at analytics. You should be able to understand the dissection of data and have good analytical skills.

Skills Covered

a. Connecting to data
b. Transforming data
c. Working with calculations and expressions
d. Visualizing data
e. Building line graphs, bar charts, and dashboards
f. Tableau Prep
g. Tableau reporting

Course Content

Modules	Expectations
1. Introduction to Visual Analytics using Tableau	We introduce you to one of the world's widely used business intelligence platform, Tableau. Professionals are introduced to the concept of visual analytics and why they are essential. The following areas are covered; i. Why BI tools are needed ii. Navigating Tableau and workbook management iii. Required drivers to be installed iv. How tableau's power can be magnified.
2. Data Cleaning, Structuring and Standardisation	The Instructor will train users on the concepts to deal with messy/badly formatted data, perform cleaning and transformation tasks to prepare data for analysis in Tableau. The following tasks will be operationalised; i. Connecting to different sources of data from flat-files to business applications like databases and the cloud. ii. Pivoting and Reshaping iii. Sampling and adjustments iv. Sorting and filtering controls v. Delimiting and splitting vi. Grouping and replacing
3. Data Modelling and Normalisation	With data coming from different sources, professionals will be introduced to the tools and techniques to generate meaningful relationships to enable cross-platform analytics in Tableau. The following techniques will be introduced; i. Merging with unions ii. Cross-database joins iii. Transformations iv. Data Normalisation techniques.
4. Advanced Formulas and Formulas	Professionals will delve deeper into Tableau's advanced array of measures and calculations for deeper analytics understanding conversion and function syntax and using them to answer relevant business and life problems. The following will be trained;

Modules	Expectations
	i. Introduction to Data Science in Tableau ii. Function syntax and operators iii. Adhoc Computations iv. Aggregate functions for data summarization v. Number functions vi. Time Intelligence vii. Conditional Statements viii. Level of Detail (LOD) ix. Table calculus x. Working with text xi. Statistical Tools
5. Tableau Analytics	This module will introduce learners to techniques in parameterisation, cross-filtering, optimise slow data connections and more advanced analytical tools i. Green and Blue Pills; what you should know before analysing ii. Heatmap analysis iii. Visual Highlighters iv. Working with the analytics Pane v. Cross-database filtering vi. Pivoting and unpivoting vii. MapBox viii. Setting benchmarks with reference lines ix. Dynamic, sheet, dimension and measure selection parameters. x. Performing the Top N analysis xi. Forecast future values
6. Visual Analytics	This module introduced the team to the advanced visualisation techniques in tableau generate world-class visual analytics tools and so much more including; i. Groups and Sets ii. Cross Tabulations iii. Columns, stacked and pie charts

Modules	Expectations
	iv. Lines and areas v. Scatters and clusters vi. Histograms and Trees vii. Visual formatting for a compelling presentation viii. Annotating and other advanced formatting tools ix. Geographical Maps
7. Dashboard development and Insight Implementation	Professionals will be introduced to the tools and techniques to develop dynamic dashboards and interactive reports automated for their different business operations. The following will be covered in this mouth-watering module; i. Introduction to dashboard development basics ii. Structuring your dashboard iii. Filters, Annotations, Containers and other components iv. Dashboard Design Elements v. Actions and Interactions vi. Stories and narratives vii. Real-life dashboard applications viii. Mobile device management ix. Iterations and Improvements
8. Integration with Python and R	Develop unparalleled business solutions with robust analytical concepts. Professionals will be introduced to cointegration techniques and scripting more complex algorithms using dynamic languages that can be used to unearth hidden patterns. The following techniques will be trained; i. Introduction to scripting in R and Reserve ii. Introduction to scripting in Python and PyPi iii. Cluster Analysis iv. Geocoding v. Regression Analysis vi. Outlier Detection

To register, Contact

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