



GITS ACADEMY

TABELAU

DATA

VISUALIZATION



CLASS ROOM | ONLINE

RANKED NO.1 ANALYTICS TRAINING INSTITUTE

SINCE

2008



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TABLEAU DESKTOP

MOST POPULAR DATA VISUALIZATION TOOL

BUSINESS INTELLIGENCE AND REPORTING TECHNIQUES

PREREQUISITES: BASIC COMPUTERS
WITH GOOD ANALYTICAL SKILLS

DURATION
30 HRS

TOOLS:TABLEAU DESKTOP



ABOUT THE COURSE

Training will be given on Tableau desktop. The course will take you from a first the beginner to Tableau right through to Power user. This course is designed to understand and use all the concepts and techniques in Tableau, like the basics of visualization, advanced visualization, interactive dashboards, building worksheets Etc..

Tableau Software enables businesses to keep pace with the evolving technology landscape and outperform competitors through an adaptive and intuitive means of visualizing their data.



COURSE OUTLINE

LESSON 1 :CREATING VISUAL ANALYTICS WITH TABLEAU DESKTOP

Overview

- The shortcomings of traditional information analysis
- The business case for visual analysis
- The tableau software ecosystem
- Introducing the tableau desktop workspace
- Notes

LESSON 2 : CONNECTING TO YOUR DATA

Overview

- How to connect to your data
- What are generated values?
- Knowing when to use a direct connection or a data extract
- Joining database tables with tableau
- Blending different data sources in a single worksheet
- How to deal with data quality problems
- Note

LESSON 3 : BUILDING YOUR FIRST VISUALIZATION

Overview

- Fast and easy analysis via show me
- How show me works
- Trend lines and reference lines
- Sorting data in tableau
- Enhancing views with filters, sets, groups, and hierarchies
- Notes

LESSON 4 : CREATING CALCULATIONS TO ENHANCE YOUR DATA

Overview

- What is aggregation?
- What are calculated values and table calculations?
- Using the calculation dialog box to create calculated values
- Building formulas using table calculations
- Using table calculation functions
- Adding flexibility to calculations with parameters
- Using the function reference appendix
- Notes

LESSON 5 :USING MAPS TO IMPROVE INSIGHT

Overview

- Creating a standard map view
- Plotting your own locations on a map
- Replacing tableau's standard maps
- Using custom background images to plot spatial data
- Shaping data to enable point to point mapping
- Animating maps using the pages shelf or slider filters
- Notes

LESSON 6 : DEVELOPING AN AD HOC ANALYSIS ENVIRONMENT

Overview

- Generating new data with forecasts
- Providing self-service ad hoc analysis with parameters
- Editing views in tableau server
- Note

LESSON 7 : TIPS, TRICKS, AND TIMESAVERS

Overview

- Saving time and improving formatting
- Improving appearance to convey meaning more precisely
- Customizing shapes, colors, fonts, and images
- Advanced chart types

LESSON 8 :BRINGING IT ALL TOGETHER WITH DASHBOARDS

Overview

- How dashboard facilitates analysis and understanding
- How tableau improves the dashboard building process
- The wrong way to build a dashboard
- The right way to build a dashboard
- Best practices for dashboard building
- Building your first advanced dashboard
- Sharing your dashboard with tableau reader
- Sharing dashboards with tableau online or tableau server
- Designing for mobile consumption
- Using the Tableau Performance recorder to improve load speed
- Notes

A teal speech bubble with a dashed border containing the text 'FAQs' in white.

FAQs

WHAT IS TABLEAU DATA VISUALIZATION ?

Technological advances have made data visualization more prevalent and powerful than ever before, increasing the importance of business intelligence. Tableau leads the world in making the data visualization process available to business users of every background and industry. Businesses around the globe realize that the ability to visualize data effectively leads directly to better understanding, insight and better business decisions.

Tableau Software enables businesses to keep pace with the evolving technology landscape and outperform competitors through an adaptive and intuitive means of visualizing their data.

WHY THE NEED TO LEARN TABLEAU ?

In today's modern Business it really needs a good amount of knowledge and capability for a data analyst to convey what the Data might be suggesting at. An analyst might be involved in performing a really complex analysis but all his efforts would be futile until the analysis has been communicated really effectively. All the efforts are a waste until that analysis is being easily and effectively absorbed by a larger section of people who are really not tech-savvy or are not PhD degree holders in statistics. There is definitely a very strong need of a tool which can aid an Analyst perform the analysis very quickly and also the capability to share with the desired audience.

WHO SHOULD LEARN TABLEAU?

Professionals/Students looking for building a career in Data Analytics and professional growth in Business Analytics field. Professionals who are in Data Reporting activity who want to present rich looking reports with a professional touch with minimal effort.

WHAT IS COVERD IN THIS COURSE?

In our offering to learn Tableau we would make the candidate learn all the intricacies of Tableau through several exercises. The sessions for Tableau are well oriented for any candidate with no prior background in Data Analysis domain and also for people who have been professionally associated to Data Reporting domain using tools like Excel, etc. At the end of the curriculum the candidate will be aware of the fine nuances of Data Visualization along with the art of effective presentation using Tableau.

Student's Speak

After doing lot of research - I landed to gits webpage, found a live chat option, I shooted n number of question and got the answers for all. The expectation set during the chat did also meet the reality. Guys I recommend you to approach gits for any kind of Business Analytics training



Rakshitha K.

It was good to learn Tableau from GITS Academy.



Anand Ranjan

I was referred to gits by one of my friend, did learn Tableau which was trained by Mr. Swamy, All went well. Even I got a good job in tableau. Thanks to GITS.



Jyothi N

Best Part about the Hadoop and SAS Course in GITS Academy malleswaram is "Variety of problems with real world use cases were covered", Kudos! to GITS , They have the Best Training Staff and Quality of learning,I would recommend people to join GITS Malleswaram for best Output.



Ajith V

Courses Offered by GITS Academy

Business Analytics

- Advanced Excel
- VBA/ Macros
- SAS Base/ Advanced
- Data Science Professional
- Predictive Modelling
- SQL Server/ MSBI
- Big Data Analytics/Hadoop
- Python
- Cognos

Data Visualization

- QlikView
- Tableau
- MS Power BI
- SpotFire

Other Courses

- Project Management
- Information Technology
- Soft Skills
- Data Base

Our Clients



Training Locations

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