



Short Term Course on “Data Visualization through Power BI and Tableau: Tools and Technologies for Business Intelligence”

7th April 2022 to 9th April 2022

Introduction

Data visualization and business intelligence both are required together and play a very important part in any organization's management team. Business intelligence is a process that makes information easier to understand and data visualization is a method to tell a story of information. The most accepted and top two tool used globally by organization for business intelligence are Microsoft Power BI and Tableau. Power BI and Tableau are two important Business Intelligence (BI) technologies for the collection, integration, analysis, and presentation of business information. They help you perform data analysis, data manipulation, and data visualization to make sense of business data and draw insights.

Power BI is a business analytics service provided by Microsoft that can analyze and visualize data, extract insights, and share it across various departments within your organization. Power BI is easy to use, faster and performs better when the volume of data is limited. Power BI tends to drag slowly while handling bulk data. Tableau is a powerful Business Intelligence tool that manages the data flow and turns data into actionable information. It can create a wide range of different visualization to present the data and showcase insights interactively. Tableau is emerging as one of the hottest trends in the Business Intelligence market. The Data Visualization tool has been gaining popularity in various companies and hence, the demand for Tableau experts in on the surge. Tableau can handle large volumes of data quickly. It is faster and provides extensive features for visualizing the data. Tableau doesn't limit the number of data points in visualization or enforce row or size limitations, giving you a 360-degree view of your data.

Why should you take Training of this Course?

- Tableau has been positioned as a Leader in the Gartner Magic Quadrant for Analytics and Business Intelligence Platforms - Gartner.com.
- Verizon, Facebook, Dell, General Motors, KPMG, Bank of America and 35,000 other MNCs worldwide across industries use Tableau.


Registrar
SGT University
Budhera, Gurugram



Faculty of Commerce and Management

- In India, the average Tableau Developer Salary is about ₹502,947 per year, which may soon rise to ₹923,000 per year
- **Various Job Opportunities:** Tableau job roles and profiles include Tableau Developer, Data Analyst, Senior Tableau Developer, Tableau Consultant, Business Analyst, Business Intelligence Analyst, Business Intelligence Manager

Course Outcome

After completion of this course, the participants will be able to learn:

- Concept of data visualization and tools used to visualize the data.
- Transformation of data through cleaning, splitting, pivoting, and merging techniques.
- Establishment of connection with data and perform various data preparation steps for visualizing it.
- Understanding the new ways of analyzing data, through various features in-built within Tableau and Power BI.
- Creating personalized and dynamic visualizations through parameters.
- Development of interactive dashboards using actions.
- Exploring various design practices for creating dashboards.
- Learn to publish and share dashboards and manage permissions to your published data.
- Get an extensive hands-on expertise on various tips and tricks with Tableau and Power BI.
- Create reports and visualizations, derive real-time insights from business with purpose to develop, publish and share interactive dashboard

Course Content

Module 1 (6 hours)

- Introduction to data visualization

Registrar
SGT University
Budhera, Gurugram



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

Faculty of Commerce and Management


- Introduction to Power BI
- Data cleaning
- Importing Data in Power BI
- Building Charts in Power BI
- Filters in Power BI
- Data modelling in Power BI
- DAX and Dashboard
- Connecting to a web data source
- Dashboard in Power BI
- Art of Data Visualization: Power BI

Module 2 (6 hours)

- Introduction to Tableau
- Introduction to Tableau interface
- Data Connection and Types of Charts
- Tableau Data connection
- Creating views in tableau
- Editing Meta data
- Building Views
- Types of Charts
- Types of Charts
- Types of charts in Tableau

Module 3 (6 hours)

- Data joins in Tableau
- Creating Joins in Tableau
- Data blending in Tableau
- Calculative fields in Tableau
- Dashboard Design in Tableau
- Building Story cards in Tableau
- Art of Storytelling using Visualization in Tableau


Registrar
SGT University
Budhera, Gurugram



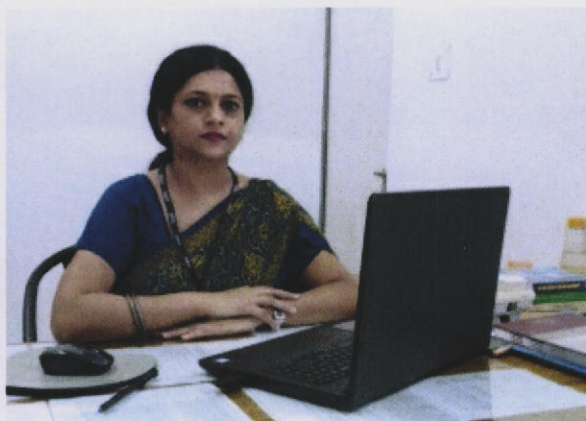
SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

Faculty of Commerce and Management

Profile of Resource Person

Dr. Ruchi Jain Garg is working as an Associate Professor, Faculty of Management Sciences, SRMS College of Engineering and Technology, Bareilly. She is a Ph. D from Indian Institute of Technology Roorkee with 19+ years of experience in teaching and research. She is a Postgraduate in both Management and Engineering fields. She has worked with various reputed universities and institutes in PAN India. She has more than 35 publications in various Scopus indexed and ABDC indexed journals. She is associated with various Govt projects funded by United Nations Development Programme (UNDP) and World Bank. She is a member of the Board of Studies in various institutes. She has organized many conferences, FDPs and workshops at national as well as international level. Expertise in working on Outcome Based Education Policy. She has a sound knowledge in the field of Analytics and Multi Criteria Decision Making through SPSS, AMOS, Expert Choice, Tableau, Power BI, Data Modelling, Dashboard Management, Analytic Hierarchy Process, ISM, Time Series forecasting models



Registrar
SGT University
Budhera, Gurugram



SGT UNIVERSITY
SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

Faculty of Commerce and Management



SGT UNIVERSITY

**Faculty of Commerce and
Management**

is organizing an
Short Term Certificate Course on

“Data Visualization through Power BI and Tableau: Tools and Technologies for Business Intelligence”

📅 07th, 08th & 09th April, 2022

🕒 09:15 AM to 04:00 PM

Venue :
Room No. 117, A-Block

WORKSHOP

Expert



Dr. Ruchi Jain Garg

B.Tech, M.Tech, MBA,
Ph. D (IITRoorkee)
Associate Professor
Faculty of Management Sciences,
SRMS College of
Engineering and Technology,
Bareilly

List of Students Registered:

Sr. No.	Name	Program
1	Deven	BBA Analytics Final Year
2	Shubham	BBA Analytics Final Year
3	Aayush	BBA Analytics Final Year
4	Nishant	BBA Analytics Final Year
5	Tushar	BBA Analytics Final Year
6	Vaibhav	BBA Analytics Final Year
7	Drishti	BBA Analytics Final Year
8	Gaurav Gabriel	BBA Analytics Final Year
9	Abhishek Sharma	BBA Analytics Final Year
10	Vikrant Verma	BBA Analytics Final Year
11	kartikay	BBA Analytics Final Year

Registrar
SGT University
Budhera, Gurugram



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

Faculty of Commerce and Management

12	Ruhi	BBA Analytics Final Year
13	Sunmeet	BBA Analytics Final Year
14	Omveer	BBA Analytics Final Year
15	Vikrant Joshi	BBA Analytics Final Year
16	Stuti	BBA Analytics Final Year
17	Om kumar	IMBA 3rd Year
18	Devangee	IMBA 3rd Year
19	Vikas	IMBA 3rd Year
20	saiyam	IMBA 3rd Year
21	Nitin	IMBA 3rd Year
22	Mukundam	IMBA 3rd Year
23	Ashish	IMBA 3rd Year
24	Kunal	IMBA 3rd Year
25	Sheetal	IMBA 3rd Year
26	Sumit	IMBA 3rd Year
27	Aditya Jha	BBA (G) Final Year
28	Nikki	BBA (G) Final Year
29	Mehek	BBA (G) Final Year
30	Prabhdeep	BBA Analytics Second Year
31	Vanshak	BBA Analytics Second Year
32	Lucky	BBA Analytics Second Year
33	Sahil Gupta	BBA Analytics Second Year
34	Sahil	BBA Analytics Second Year
35	Jatin	BBA Analytics Second Year
36	kashk	BBA Analytics Second Year
37	Jasmine	BBA Analytics Second Year
38	Upender	BBA Analytics First Year
39	Sahil	BBA Analytics First Year
40	Harshit	BBA Analytics First Year
41	karan	BBA Analytics First Year
42	Punit	BBA Analytics First Year
43	Nikhil	BBA Analytics First Year
44	Gouransh	BBA Analytics First Year
45	Yash	BBA Analytics First Year
46	Sneh	BBA Analytics First Year
47	Varjot	BBA Analytics First Year
48	Vasu	BBA Analytics First Year

Registrar
SGT University
Budhera, Gurugram

Certificate of Completion

This certificate is awarded to

Deven

(Enrolment No. 170701002)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Shubham

(Enrolment No. 190602007)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Aayush

(Enrolment No. 190602008)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Nishant

(Enrolment No. 170602031)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Tushar

(Enrolment No. 170604048)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Vaibhav

(Enrolment No. 171426054)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Drishti

(Enrolment No. 160101102)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Gaurav Gabriel

(Enrolment No. 150602087)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Abhishek Sharma

(Enrolment No. 160604108)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Vikrant Verma

(Enrolment No. 150701016)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

kartikay

(Enrolment No. 150701017)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Ruhi

(Enrolment No. 160604124)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sunmeet

(Enrolment No. 160604125)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Omveer

(Enrolment No. 160604126)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Vikrant Joshi

(Enrolment No. 190617022)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Stuti

(Enrolment No. 190617023)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Om kumar

(Enrolment No. 190611009)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Devangee

(Enrolment No. 190611006)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Vikas

(Enrolment No. 191203015)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

saiyam

(Enrolment No. 190611005)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Nitin

(Enrolment No. 190611011)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Mukundam

(Enrolment No. 190611012)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Ashish

(Enrolment No. 190611001)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Kunal

(Enrolment No. 190611015)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sheetal

(Enrolment No. 190611002)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sumit

(Enrolment No. 190611007)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Aditya Jha

(Enrolment No. 190604004)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Nikki

(Enrolment No. 190604035)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Mehek

(Enrolment No. 190604030)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Prabhdeep

(Enrolment No. 200617005)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Vanshak

(Enrolment No. 200617004)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Lucky

(Enrolment No. 180701006)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sahil Gupta

(Enrolment No. 200617002)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sahil

(Enrolment No. 200617006)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Jatin

(Enrolment No. 200617008)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

kashk

(Enrolment No. 200617007)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Jasmine

(Enrolment No. 200617001)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Upender

(Enrolment No. 190604020)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sahil

(Enrolment No. 190604022)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Harshit

(Enrolment No. 190604023)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

karan

(Enrolment No. 190604024)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Punit

(Enrolment No. 190604025)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Nikhil

(Enrolment No. 190604026)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Gouransh

(Enrolment No. 190604027)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Yash

(Enrolment No. 190604030)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Sneh

(Enrolment No. 190604031)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Varjot

(Enrolment No. 190604032)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)



Certificate of Completion

This certificate is awarded to

Vasu

(Enrolment No. 190604033)

for successful completion of short term course on

**Short Term Course on “Data Visualization through Power BI
and Tableau: Tools and Technologies for Business Intelligence”**

Certificate issued on 9th April 2022

(computer generated record does not need a signature)

