

Tableau

- **Course Name:** Tableau
- **Course Code:** IT5_P1
- **Instructor:** Mr. Kapil
- **For Whom:** S/W Engineers, High School & College Goers
- **Frequency:** 2 Sessions per week. 1 Session = 2 Hours.
- **Fees:** 199 US\$ (Get Discount for Referrals and Group Joining)
- **Duration:** 24-26 Hours Approx. (6 Weeks Approx.)
- **Note:** First Session is completely FREE and open to all. Make Full Payment only after 1st FREE session and if interested to continue.
- Reach us for more details.
- **Note:** Reach us for Advanced Python Programming, Python for Data Science, Vedic Speed Mathematics (FREE) and all other IT Courses.
- **More Info:** www.Speed16.com/training
- **Contact:** info@speed16.com OR +91-97640-58-654 OR Direct Whatsapp (<https://wa.me/919764058654/?text=Hi>) OR Direct Telegram (<https://t.me/CP512>)

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- ✚ Contact: Chaitanya Patil info@speed16.com +91-97640-58-654 [Direct Whatsapp](#)

Syllabus in Detail:

Week 1

Introduction to Tableau & Data Connection with Tableau Desktop

- What is Data Visualization
- Business Intelligence tools
- Data Warehousing Basics
- Introduction to Tableau
- Tableau Architecture
- Tableau Installation-Tableau Desktop,Public,Reader
- Features of Tableau Desktop
- Connect to data from Database and files
- Types of Connections-Live and Extract
- Joins and Unions
- Data Blending
- Tableau Desktop User Interface

Week 2

Basic Visual Analytics & Geographic Visualizations in Tableau

- Visual Analytics
- Basic Charts: Bar Chart, Line Chart, Heat Map, Tree Map, Scattered Bar Chart and Pie Chart
- Hierarchies
- Data Granularity
- Highlighting
- Sorting
- Filtering
- Grouping
- Sets
- Introduction to Geographic Visualizations
- Manually assigning Geographical Locations
- Types of Maps
- Spatial Files
- Custom Geocoding
- Background Images

Week 3

Calculations in Tableau & Advanced Visual Analytics

- Types of Calculations (String,Date,Boolean,)
- Built-in Functions (Number, String, Date, Logical and Aggregate)
- Operators and Syntax Conventions
- Table Calculations (Moving Averages, Running totals, Percentile etc)
- Window Function(Window Max,Window Min,Window Avg)

- Level Of Detail (LOD) Calculations
- Parameters
- Tool tips
- Trend lines
- Reference lines
- How to Use Dual Charts
- What is Dual Axis?
- Forecasting

Week 4

Advanced Charts in Tableau

- Box and Whisker's Plot
- Bullet Chart
- Bar in Bar Chart
- Gantt Chart
- Waterfall Chart
- Pareto Chart
- Funnel Chart
- Bump Chart
- Word Cloud
- Donut Chart

Week 5

Dashboards and Stories

- Introduction to Dashboards
- The Dashboard Interface
- Dashboard Objects
- Building a Dashboard
- Dashboard Layouts and Formatting
- Interactive Dashboards with actions
- Designing Dashboards for devices
- Story Points

Week 6

Exploring Tableau Online

- Publishing Workbooks to Tableau Online
- Interacting with Content on Tableau Online
- Data Management through Tableau Catalog
- Understand Scheduling
- Managing Permissions on Tableau Online
- Data Security with Filters in Tableau Online

Get Industry Ready

- Assignment after Every Topic and a Project covering every topic in Tableau in Last Week.
- Tableau Tips and Tricks
- Choosing the right type of Chart
- Format Style
- Data Visualization best practices
- Prepare for Tableau Interview

Contact:

Chaitanya Patil

Mobile: +91-97640-58-654

Direct WhatsApp: <https://wa.me/919764058654/?text=Hi>

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