



# Data Visualization and Business Intelligence with Tableau Desktop



## Full Tableau Training

Tableau is the most popular data visualization software used by many companies. This two day full day Tableau training will teach you the essential features of Tableau. The course will explain how to analyze and present data using this powerful data visualisation program.

### วัตถุประสงค์:

- Tableau Worksheets
- Data Visualisation View
- Tableau Dashboard & Story
- Actions
- Connecting to a Data Source
- Data Join and Data Pivot
- Organise Data with Filter, Group & Set
- Field Calculation
- Parameters
- Level of Expressions
- Map Visualisation

### กลุ่มเป้าหมาย:

- Data Scientists
- Data Analysts
- Digital Marketers



## ความรู้พื้นฐาน:

- Basic Computer Knowledge.
- Experience with a spreadsheet program.
- Some knowledge of Data Visualization.
- Basic Knowledge of R Programming

## ระยะเวลาในการอบรม:

- 20 ชั่วโมง (3 วัน)

## ราคาคอร์สอบรม:

- 7,000 บาท / คน (ราคานี้ยังไม่ได้รวมภาษีมูลค่าเพิ่ม)

## วิทยากรผู้สอน:

- อาจารย์สนธิทวงศ์ กมลภากรณ์

## เนื้อหาการอบรม:

### Module 1. Tableau Overview

- What is Tableau?
- Tableau Software
- Tableau File Types
- Explore Tableau Interface

### Module 2. Worksheet and View

- Worksheet Basics
- Dimension and Measure
- Continuous and Discrete Data
- Create Folder & Hierarchy
- View Basics
- Different Plots



- Saving Workbook

### Module 3. Dashboard and Story

- Dashboard Basics
- Actions
- Story Basics

### Module 4. Connecting to Data Sources

- Data Sources
- Data Extract
- Data Source Filter
- Data Join
- Data Blending

### Module 5. Transform Data

- Data Interpreter
- Split & Merge Fields
- Pivot Data
- Filter Data
- Organize Data by Group & Set

### Module 6. Calculation

- Create Calculated Field
- Shelf Calculation
- Table Calculation
- Logical Functions



### Module 7. Parameter

- Filter By Parameter
- Top N Analysis
- Add Calculation to Parameter
- Reference Line
- Dynamic View

### Module 8. Level of Expression

- Level of Expression (LOD)
- Fixed LOD
- Include LOD
- Exclude LOD

### Module 9. Analytics

- Average Line
- Trend Line
- Forecast
- Clustering

### Module 10. Map

- Map Basics
- Map Services
- Integrating Mapbox Styles to Map