



**INTELLYTICSHUB TECHNOLOGY CORPORATION**  
TABLEAU MODULE OUTLINE

**16 Hours**

# TABLEAU MODULE OUTLINE

16 Hours

## TOPICS

- Why visualise data?
  - Different types of visualisations
  - Features of a good visualisation
- Overview of Tableau
  - Installation process
  - Tableau interface
  - What is Tableau desktop, workbook, worksheets and their usage
  - Tableau objects
- Connecting to Excel, CSV, text files
  - Connecting to Databases
  - Editing data connections and sources
  - Data blending



## LEARNING OUTCOME

Basics of Data Visualisation

Getting started with Tableau

Connecting to data

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## TOPICS

- What are filters
- Ways to filter
- Using filters
- Sorting, Grouping and Drill Downs

- Tables and Text Tables
- Types of charts - bar, histogram, line, pie
- Scatter plots

## LEARNING OUTCOME

Filters and Parameters

Basic views in Tableau

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## TOPICS

- Maps based visualization
- Advanced charting - Area Charts, Tree Maps , Motion Charts, Combination Charts

- How to customise visualisations using filters, pages, rows and column shelves
- Summary Card

## LEARNING OUTCOME

Advanced views in Tableau

Customising views in Tableau



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## TOPICS

- Types of calculation functions
- Table calculations
- Calculation syntax
- Aggregate calculations
- String calculations
- Logic calculations
- Statistics and forecasting

- Calculated Fields, Functions
- Calculated Fields - power to answer your difficult questions
- Calculated Field operators
  - Numeric Functions (singular)
- Character Functions (Modify Items)
- Character Functions (Locate values in String)

## LEARNING OUTCOME

Calculations in Tableau

Functions in Tableau

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## TOPICS

- Date Functions
- Type Conversion Functions
- Logical Functions (If,Then,Else)
- Aggregate Functions
- Aggregate calculations

- SQL Queries to retrieve data
- Data blending to use data from multiple sources in one view
- Extracts to accelerate your data exploration

## LEARNING OUTCOME

Functions in Tableau

Data Blending

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## TOPICS

- Getting started with Dashboards and stories
- Building a Dashboard
- Dashboard layouts and formatting
- Interactive dashboards through actions
- Story points

- Tableau Public
- Print to PDF
- Tableau Export
- Packaged Workbooks

## LEARNING OUTCOME

Dashboards

Deploy and Publish Workbooks