

## Development

1. Spotfire Basic Skills:
  - o Understanding Visualization of Spotfire
  - o Performing Data Filtering
  - o Learning More through Data Drill-Dow
2. The Underlying Data:
  - o Expected Format of a Data Table
  - o Loading Data using an Information Link
  - o Opening New Data
3. Adding data from different data sources into Spotfire
4. Pages Getting Started with Visualizations in Spotfire
  - o Properties of Table
  - o Properties of Bar Charts
  - o Interpreting Bar Charts
  - o Properties of Line Charts
  - o Interpreting Line Charts
  - o More Visualizations
5. Filters in Spotfire
  - o Filter Type
  - o Changing Filter Types
  - o Filtering Display Options
  - o Organizing Filters
  - o Defining Filtering Schemes
6. Drill-Down
  - o Highlighting Items
  - o Details Visualizations
  - o Multiple Markings
7. Saving and Exporting
  - o Saving a Spotfire File
  - o Exporting Data from Spotfire
  - o Exporting Visualizations from Spotfire
8. More Visualization Types
  - o Combination Charts
  - o Combination Chart Introduction
  - o Combination Chart Properties
  - o Using Combination Charts
9. Scatter Plots
  - o Scatter Plot Introduction
  - o Scatter Plot Properties
  - o Using Scatter Plots

- 10. 3D Scatter Plots
  - o 3D Scatter Plot Introduction
  - o 3D Scatter Plot Properties
  - o Using 3D Scatter Plots
  
- 11. Pie Charts
  - o Pie Chart Introduction
  - o Pie Chart Properties
  - o Using Pie Chart
  
- 12. Summary Tables
  - o Summary Table Introduction
  - o Summary Table Properties
  - o Using Summary Tables
  
- 13. Cross Tables
  - o Cross Table Introduction
  - o Cross Table Properties
  - o Using Cross Tables
  
- 14. Graphical Tables
  - o Graphical Table Introduction
  - o Graphical Table Properties
  - o Using Graphical Tables
  
- 15. Map Charts
  - o Map Chart Introduction
  - o Map Chart Properties
  - o Using Map Charts
  
- 16. Parallel Coordinate Plots
  - o Parallel Coordinate Plot Introduction
  - o Parallel Coordinate Plot Properties
  - o Using Parallel Coordinate Plots
  
- 17. Tree Maps
  - o Treemap Introduction
  - o Treemap Properties
  - o Using Treemaps
  
- 18. Box Plots
  - o Box Plot Introduction
  - o Box Plot Properties
  - o Using Box Plots
  
- 19. Heat Maps
  - o Heat Map Introduction
  - o Heat Map Properties
  - o Using Heat Maps

- 20. Coloring
  - o Color Modes
  - o Color Break Points
  - o Coloring Rules
  - o Coloring in Tables Cross Tables and Heat Maps
  - o More Coloring Features
  
- 21. Adding Data to an Existing Analysis
  - o Adding New Rows to a Data Table
  - o Adding New Columns to a Data Table
  - o Adding New Data Tables
  
- 22. Transformations
  - o Pivot, Unpivot
  - o Calculate and Replace Column
  - o Calculate New Column
  - o Change Column Names
  - o Change Data Types
  - o Exclude Column
  - o Normalization
  
- 23. Using Tags
  
- 24. Using Lists
  
- 25. Capturing your Analysis
  - o Bookmarks
  - o Adding and Applying Bookmarks
  
- 26. Deriving More Information from Raw Data
  - o Calculated Columns
  - o Custom Expressions
  
- 27. OVER Expressions
  - o OVER in Calculated Columns
  - o OVER in Custom Expressions
  - o Terms to use in OVER Expressions
  
- 28. Limiting Data in Visualizations
  - o Limiting Data Using Markings
  - o Limiting Data Using Filtering
  - o Limiting Data Using Expression
  
- 29. Lines & Curves
  
- 30. Hierarchical Clustering
  
  
- 31. Data Relationships
  
- 32. K-Means Clustering
  
  
- 33. Line Similarity
  
  
  
- 34. Regression Modelling

- 35. Classification Modelling
- 36. Opening Data using an Information Link
  
- 37. Loading Data on Demand
  
- 38. Markings
  - o Details on-Demand
  - o Drill-down
  - o Different Markings
- 39. Text Areas
  - o Editing the Text Area
  - o Creating Links to Website
  - o Adding Filter Controls
  - o Adding Action Controls
  - o Adding Property Controls
  - o Adding Dynamic Items
  
- 40. Publishing Analyses to TIBCO Spotfire Web Player
  
- 41. Export features
  - o Export Data/Visualizations to various formats

**Administration:**

- 42. Information Designer
  - o Information Link
  - o Setting up data source
  
- 43. Information Links
  - o Creating an Information Link
  - o Adding Elements to the Information Link
  - o Specifying Join Path
  - o Specifying Description
  - o Adding Filters and Prompts
  - o Showing Parameters
  - o Saving the Information Link
  - o Viewing and Editing SQL Paths
  
- 44. Library Administration
  - o Detailed explanation
  - o Managing Imports and Exports
  - o Managing Access to folders
- 45. Administration Manager
  - o Detailed explanation
  - o Creating Users
  - o Licenses
  - o Preferences
  - o Managing Groups