



## **TIBCO SPOTFIRE TRAINING BR102**

### **Add Data**

#### **Lesson 1:**

- **Calculated Columns**
- **Expressions Dialog**
- **Functions**
- **Binned Columns**
- **Hierarches**

#### **Lesson 2: Part A**

- **Insert Columns**
- **Insert Rows**
- **Add Data Tables**
- **Columns Matches**
- **Relations**
- **Marking and Filtering**

#### **Lesson 2: Part B**

- **Transformations**
- **Multi-step Transformation**
- **Pivot**
- **Unpivot**
- **Add Data Tables**
- **Insert>Transformation**

#### **Lesson 3: Part A**

- **In-Database Data**
  - **Relational Database**
  - **Cube Database**
- **In-Memory Data**
  - **Flat Files (Excel, Access, etc.)**
  - **Information Links in Spotfire Library**



- Databases
- Relational Databases
- **Cube Databases**
  - Has to be in-database and cannot save as embedded, insert columns or insert rows
- **Measures/Dimensions**
  - Only dimension columns can be used to create filters
- **Visualizations/Filters**
- **In-Db Cube Limitations**
- **Relational Databases**
- **Create New Relations**

### Capture Your Analysis

#### Lesson 4:

- **Add Bookmark**
- **Apply Bookmark**
- **Special Bookmark**
- **Attach Tags**
- **Apply Tags**
- **Create Lists**
- **Apply Lists**
- **Organize Lists**
- **List Logic**

### Other Visualizations

#### Lesson 5:

- **Treemaps**
- **Hierarchies**
- **Box Plots**
- **Data Distribution**
- **Comparison Circles**



- **Better than Bar Charts**

#### **Lesson 6: Part A**

- **Positioning Data**
- **Coordinate Columns**
- **Geocoding**
- **Map Layers**
  - **Can show standard map (all -in -one layer), basic map, borders, labels, or roads**
- **Marker Layers**
  - **Markers can be generated from your data with appropriate geocoding relational elements**
- **Feature Layers**
  - **SHP files or WKB data columns**
- **Zoom Visibility**
- **Marking Mode**
  - **Little pointer icon**
- **Panning Mode**
  - **Little hand icon**
- **Color, shape, size, labels, pies**
- **Auto-Zoom**
- **Details Layer**
- **Navigation Options**

#### **Lesson 7:**

- **3D Scatter Plot**
- **Parallel Coordinate Plots**
- **Heat Maps**
- **Dendrograms**

#### **Aggregation Options**

#### **Lesson 8:**



- **Aggregation types**
- **Expression shortcuts**
  - **Cumulative Sum**
  - **Difference %**
  - **% of Total**
- **Error Bars**
  - **Can be added as a secondary aggregation to a visualization**