

Anatomy of the Analyzer



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There are least five ways to invoke the Analyzer:

1. In the Schema Designer for a given schema, in the Action bar, select Explore Data
2. In Content, in the Action bar, select + Add, and in the Add New Menu, select Add Dashboard
3. For an existing Dashboard, to add a new Insight, in the Action bar, select +
4. For an existing Insight on a Dashboard, in the Action Menu
 - a. select Edit (Pen icon)
 - b. or, select More Options (Kebab icon), and in the More Options Menu, select Edit

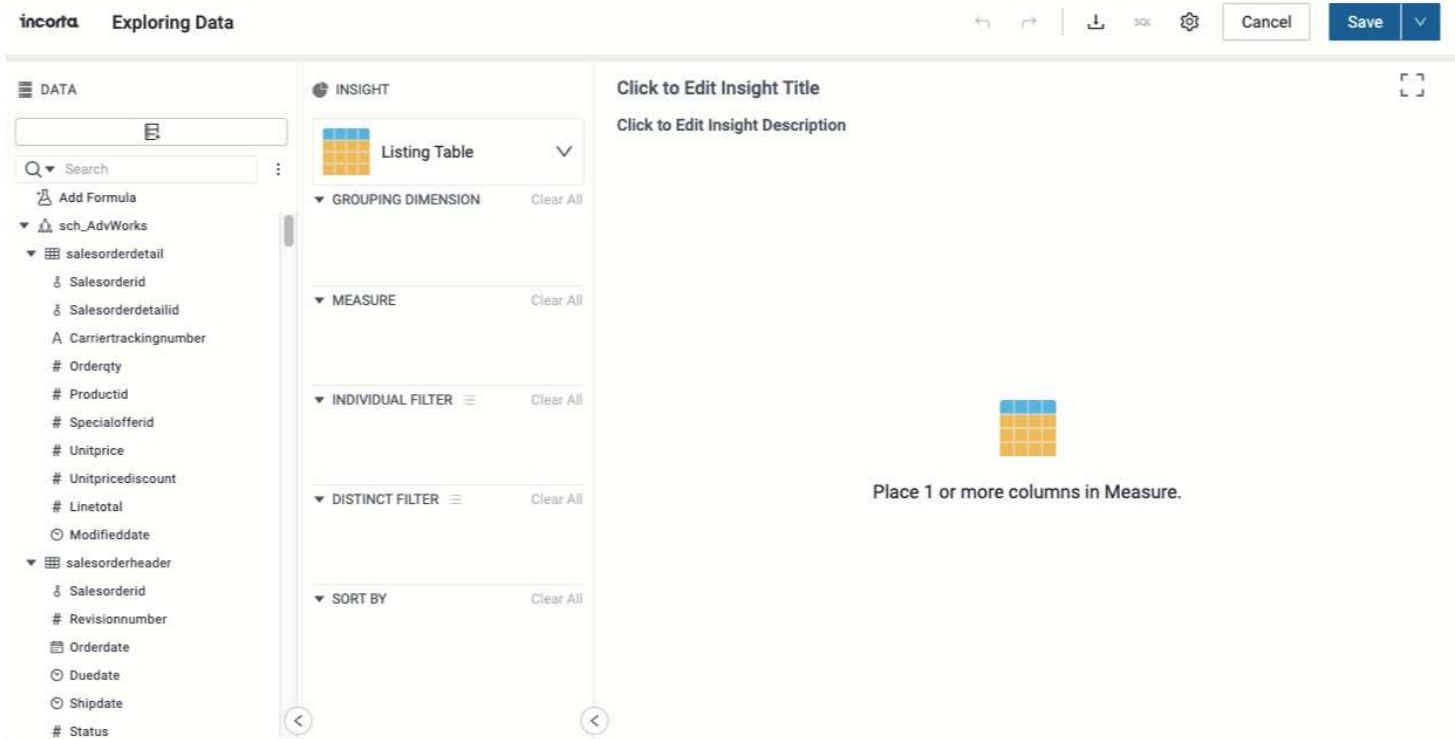
5. When creating or editing an Incorta Table in a schema, select Edit (Pen icon)

Anatomy of the Analyzer

When exploring a schema or business schema with the Analyzer, there are common user interface elements:

- Action bar
- Data Panel
- Insight Panel
 - Grouping Dimension
 - Measure
 - Individual Filter
 - Distinct Filter
 - Sort by
- Canvas / Preview Insight
 - Insight Title
 - Insight Description

Depending on the visualization selection, some user interface elements of the Analyzer will change. Review the animation below for more details:



When creating or editing an insight for a dashboard, Incorta invokes the Analyzer. The only difference is that you are not exploring data from an initial schema or business schema, and for this reason, the Exploring Data title will not appear in the Action bar.

For the creation of an Incorta Table, the Schema Designer also invokes the Analyzer. An Incorta Table can be either a Table or Aggregated table visualization.

Action bar

The available options in the Action bar depend on the selected visualization. Most visualizations do not support a SQL representation. Here some of the options available in the Action bar:

- View SQL (option based on visualization selection)
- Specify an Insight Filter
- Cancel changes
- Save in New Dashboard or Save changes

Data Panel

Use the Data Panel to search for specific columns in one or more schema, open the Edit Panel, add a Formula, collapse and expand the tree of columns, view the details of a column, preview the data for a column, or add a column to a tray.

The Tree in the Data Panel represents a hierarchy:

- schema or business schema
- table or view
- column

In the Tree, next to the column name, symbols will denote the column type:

- 'A' = Dimension
- '#' = Measure
- Key Symbol = Key
- Clock = Date

Here are some of the options available in the Data Panel:

- Search for table or column
- New Formula (drag and drop to tray, insight filter, other filter)
- Tree shows hierarchy of Schema(s) / Table (s) / Column(s) AND/OR Business Schema(s) / View (s) / Column(s)
- View the column details (hover and select 'i' button on the far right')
 - Preview sample data of a column
- Drag & Drop a column to the insight builder

Manage Data Sets Panel

Use the 'Manage Data Sets' Panel to select an entire Schema or Business Schema, select a Table or a View, or search for a specific Table or View.

Search in the 'Manage Data Sets' Panel search does not support finding specific columns. Here are some of the options available in the Edit Panel:

- Select Table (Schemas) or Views (Business Schemas)
- Search for table or view
- Tree to select Schema(s) / Table (s) OR Business Schema(s) / View (s)
- Close window (to save selection)

Insight Panel

Depending on the visualization selected, trays will vary. For example, a Pivot Table visualization details a Pivot Table rows tray and Pivot Table columns tray. The Measure tray is always present for all insight visualizations. Here is a list of some of the tray options:

- Grouping dimension tray (option based on visualization selection)
- Column tray (only for Pivot Table)
- Measure tray (for all visualizations)
- Coloring dimension tray (option based on visualization selection)
- Individual Filters (option based on visualization selection)
- Aggregate Filter (option based on visualization selection)

Pill

When placed in a tray, a column turns into a pill. You can remove a pill, change the position of a pill in a tray, move a pill between trays when applicable, and open the Properties Menu for a pill.

The 'Properties Menu' will differ depending on the visualization and the tray placement. For example, a Gauge visualization does not support a Drill Down property for a measure pill whereas most Chart visualizations do.

Canvas

Once a column is added to a measure tray, by default the Analyzer previews the selected visualization. Disable the Auto-Refresh insight setting to change this behavior. Once available, you can add or edit the Insight title.

The Analyzer limits the preview of the visualization to 15 million rows. For this reason, some calculations such as aggregations may be incorrect while being previewed for results with more than 15 million rows.