

Statistics

The statistic analysis will allow you to carry out different statistical tests and illustrations

- Statistical test: Perform Chi2 or t-test on data (test type is autoselected)
- Analyse variable: Distribution diagrams and basic metrics (sum, count, min etc.)
- Regression analysis: Corellation between two continous variables
- Paretho chart: Sorted aggregated distribution in categories

- CrossTabulate
- Flow Diagram
- Heatmap
- RunCharts
- Status History

CrossTabulate

This will allow you to display pivot tables of the data.

A pivot table will contain

- x-axis: First grouping / category
- y-axis: Second grouping / category
- Cell values
 - Count number of records
 - Sum for a selected variable
 - Minimum for a selected variable
 - Maximum for a selected variable

Note that you do not have specify both x and y-axis.

The pivot tables respects the active filters and search values.

Flow Diagram

The diagram function displays the workflow associated with this solution.

Information provided

- Routing to state (either arrows or "meta")
- Usergroups with access in selected status
- Automated actions: Notifications, state changes etc.
- Expected and tolerable waiting time

Heatmap

Heatmaps will provide you with a color graph, based on values and categories in fields.

All filters and field selections apply for the output.

The threshold for each color is set in the fields, and are normally restricted to numeric types or categories.

Heatmap enabled fieldtypes include

- Integer and decimal values
- Enumeration and symbols
- Lookups with categories

RunCharts

Runcharts will display user activity in the solution.

By default the following diagrams will be displayed

- New items: Amount of records created per day
- Activity: Amount of records changed per day
- Completed: Amount of items reaching a status which has the "Completed" property

Note that the "Activity" diagram will change with every update (not built from historical data), and is therefore not a measure of work completed in a day ("record inactivity" is actually a more precise description).

Many other diagrams can be configured if needed - contact you local solution administrator.

Status History

This special report will display a timeseries analysis of:

How many records where in which states at a given point in time

The analysis is built on historical data that has been changed at a later point in time, so each point reflects the count by status on that particular day. Filtering options include status and timeframe (to/from date).