

Example “Inc5000”

A simple demo project that does the following:

- Loads a list of 5000 companies from a CSV file. The table also includes number of workers, revenue, state code and industry for each company.
- Calculates a new column using expression.
- Filters the list, removing companies with number of workers less than *Min workers* parameter.
- Merges another table (loaded separately) that has full state names
- Counts number of companies from the list in each state
- Exports final result into a spreadsheet

How to use this example

- Open the project – it will run all transformations automatically, except the export transformation. Export transformations are not run automatically to avoid unnecessary changes in external files.
- Notice parameter *Min workers* in the side bar. Change it to 500 and see how the chart and data in tables are automatically updated.
- Click transformation icons in tables to explore transformation properties (shown in sidebar) and results (shown in data grid). Find **Merge another table** transformation and explore its properties. Notice that the dotted line from *States* table points right into the **Merge** transformation showing a dependency.
- Press “Run project” button on the Main toolbar (or F5) to run the remaining uncalculated transformation which is the export transformation. Find Report.xlsx in the example folder, and open it in Excel. See that it has data from Export table in EasyMorph.
- Close Excel and return to EasyMorph. Filter states in Inc5000 table: right-click **state_short** column header, select “Filter...”, pick a few states in the checklist, and press Apply. Notice that the tables and chart now contain only the selected states.
- Run the project again (by pressing F5). Open Report.xlsx in Excel and notice that now it contains data for the selected states only.

