

Import your own data

ABC Analyzer supports the following types of data:

- Excel
- XML
- Text
- CSV



Manual updated October 2015

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Before import

The strength of ABC Analyzer is to create a mathematical overview of large product portfolios. Please make sure your data file meets the required minimum standard:

1) Preparing your data

The structure of your data is important. Make sure each line in your data corresponds to one unique product number (SKUs). If you have access to transactional data (e.g. each data line represents a sale, and an item number may appear multiple times) you'll need ask your IT department to create an appropriate data set for you. Give them this tech guide.¹

2) Meaningful headings for each data column

Be accurate: "Stock" might refer to "Stock value 12 months" or "pieces in stock, 3 months". You can name each data column as you please. The software does not restrict you in any way, and you **do not** have to name the columns as in the example below.

Each line in your data corresponds to an item number/product ID.

E.g. if you have 4,000 products, you're data file contains 4,000 lines.

For each of your products the aggregated value is listed.

E.g. the "VFD Motor Driver" has had 39 order lines in total.

	A	B	C	D	E	F	G
1	Product ID	Description	Sales value	Order lines	Stock value	Purchaser	Supplier
2	100626	Machine Control Board	7362	40	492 AB		252
3	100634	VFD Motor Driver	9822	39	664 AB		252
4	100635	On-Off Rocker	9019	37	527 AB		252
5	100636	On-Off Momentary Rocker	8263	31	1237 AB		252
6	100637	On-Off-On Rocker	6933	20	917 AB		252
7	100638	Potentiometer	3025	20	0 AB		246
8	100639	AGC3 Glass Tube Fuse 6.3A	7791	20	1455 AB		252
9	100640	Z-axis Ball Screw Bearing	33159	60	18514 AB		32
10	100641	Z-axis Way Cover	6946	26	32 AB		246
11	100642	Belt 3V280 Gates	2824	16	427 AB		246
12	100643	Disconnect Switch	13622	20	779 AB		252
13	100644	FU6 6A Midget Fuse	76532	82	0 AB		246
14	100645	FU1 and FU2 15A Midget Fuse	20238	41	5349 AB		252
15	100646	115 VAC Control Power	49737	107	2823 AB		246
16	100647	Z-axis Limit Switch & Belt Guard	1356	5	465 AB		246

Screenshot: Example of an Excel file ready to import in ABC Analyzer

4,000 SKU's

¹ http://files.abcsoftwork.com/embed/helpfiles/abc_create_a_data_file

3) Import at least 13 data columns

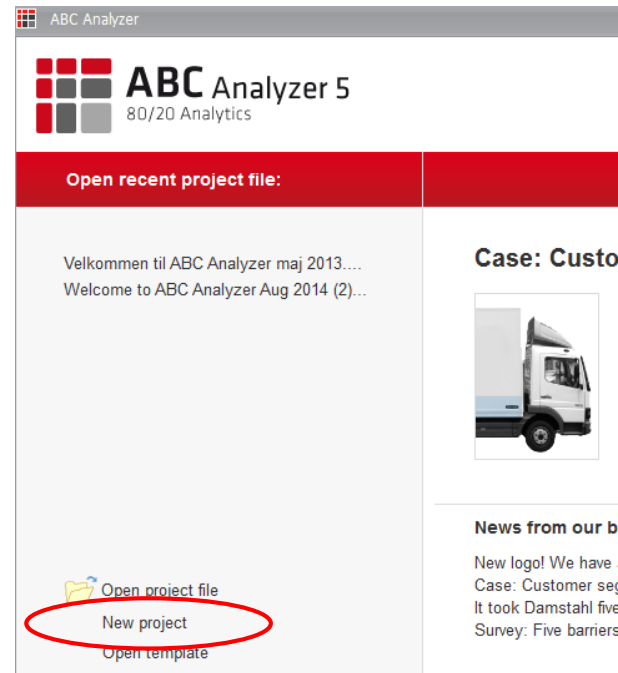
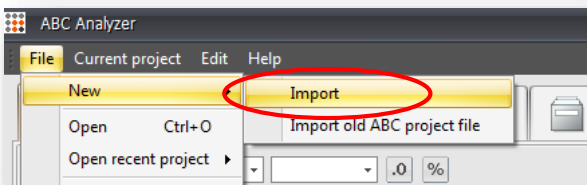
Each line represent a products, as for the data columns (vertical) we recommend the following as a minimum

- Products ID/Item number
- Description/Item text
- Purchaser
- Number of Order lines/Picks - 12 months
- Cost value – 12 months
- Consumption – 12 months in pieces
- Actual stock – in pieces
- Stock value
- Cost price – per piece
- Turnover – 12 months
- Average stock – 12 months in pieces
- Average stock value
- Turnover rate

Get started

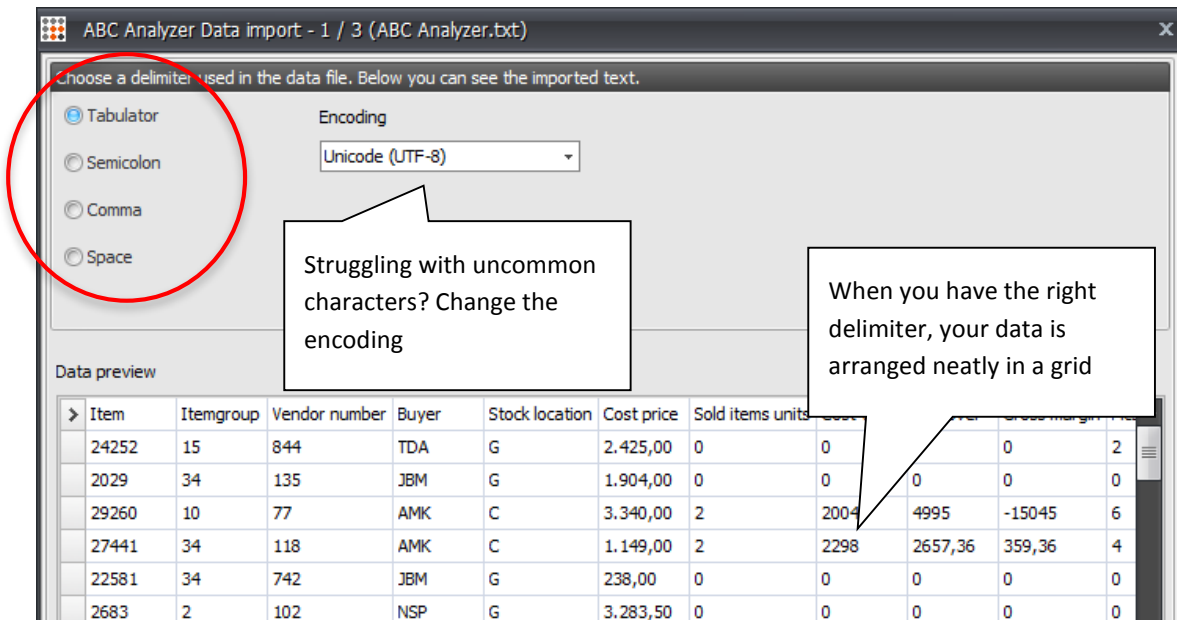
Open ABC Analyzer

- Choose "New project" from the opening screen
- Or, if you already have opened ABC Analyzer, choose "New"/"Import"
- Choose the data file you want to import. It has to be .txt, .csv, XML or and Excel-file



Step 1 of 3: Import guide

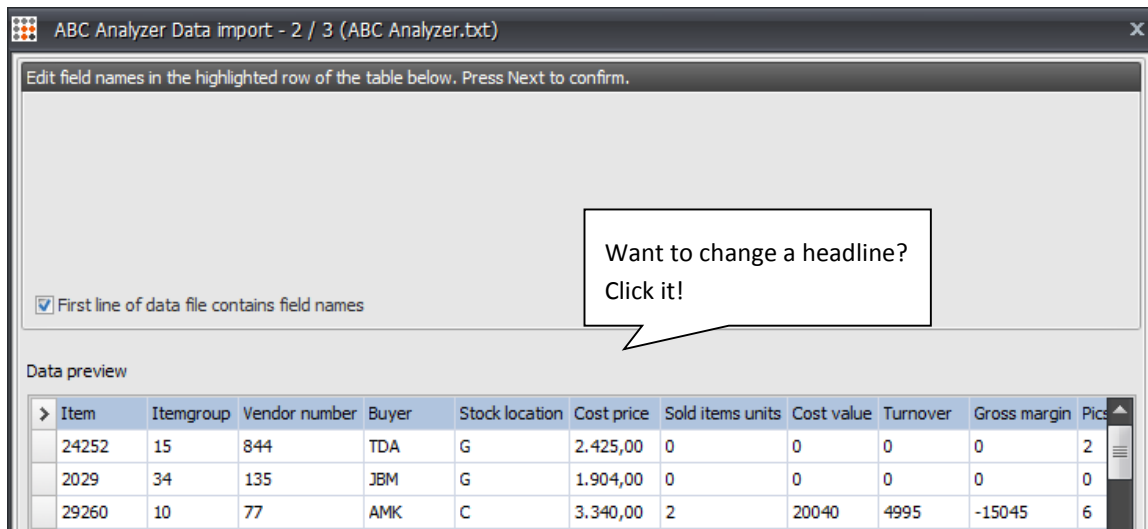
Your data is structured in a certain matter. Choose the correct delimiter (marked with a red circle below), before you press "Next". A delimiter defines the "spaces" in your data.



Step 2 of 3: Headlines

Does your data already contain headlines? Then click "Next".

If you want to change one or more headlines in your data, click the headline(s) you want to change, and type in the new name(s).



ABC Analyzer Data Import - 2 / 3 (ABC Analyzer.txt)

Edit field names in the highlighted row of the table below. Press Next to confirm.

☒ First line of data file contains field names

Want to change a headline?
Click it!

Data preview

>	Item	Itemgroup	Vendor number	Buyer	Stock location	Cost price	Sold items units	Cost value	Turnover	Gross margin	Price
	24252	15	844	TDA	G	2.425,00	0	0	0	0	2
	2029	34	135	JBM	G	1.904,00	0	0	0	0	0
	29260	10	77	AMK	C	3.340,00	2	20040	4995	-15045	6

No headlines?

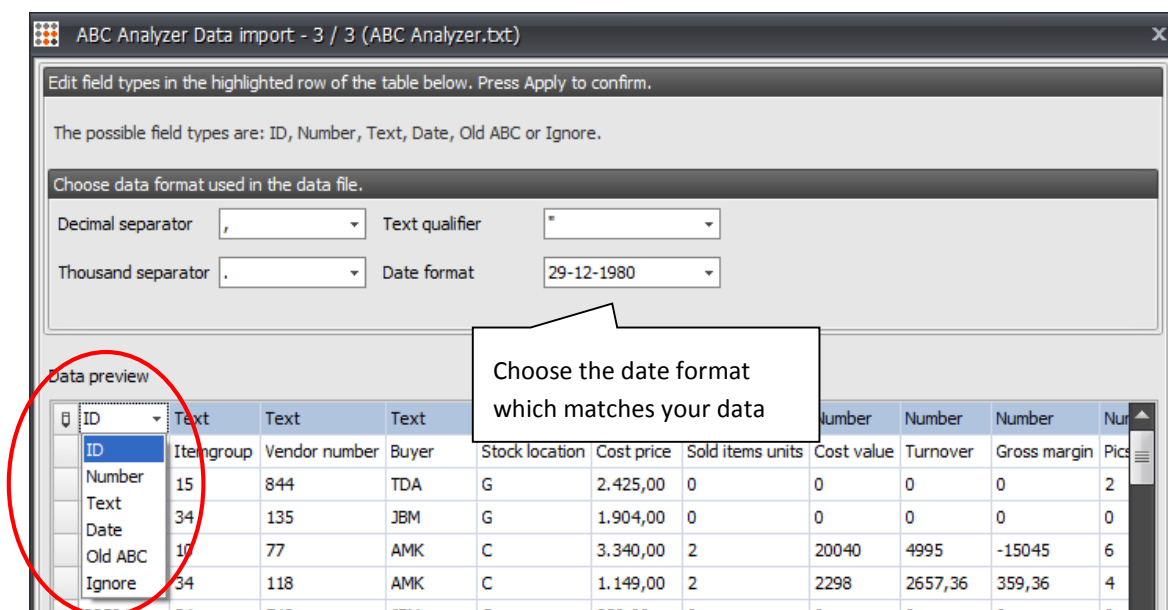
If your data does not contain headlines, remove the checkmark and name all your columns in this step. It is important that all headlines are unique.

Step 3 of 3: Define your columns

You need to choose the correct type of data for each column, using the dropdown. Use the arrow keys and the tabulator to quickly jump from one column to another.

Be aware of **pitfalls**:

- Supplier numbers, numbers indicating a certain product group etc. represent names, hence import them as "Text" – not as a "Number"!
- You need **at least 2 number columns** to build a double ABC analysis



5 types of columns

You have 5 different types of columns + the option of ignoring columns.

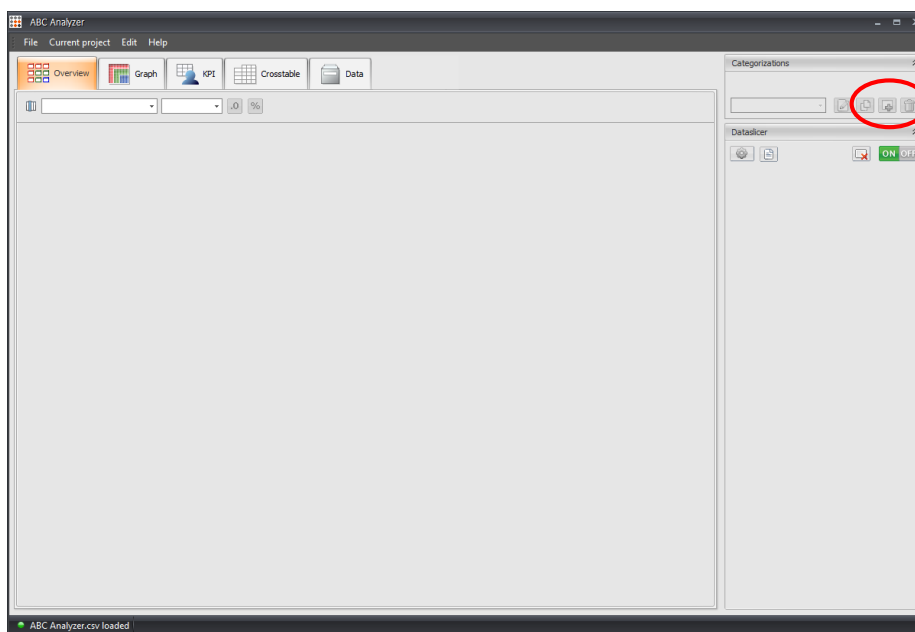
- **ID:** The column which identify each unique product. E.g. Use the "product number"-column
- **Number:** Use it for all columns containing numbers. E.g. "stock value", "delivery time", while "Supplier no." is a "Text"
- **Date:** All supported date formats are listed on the last page
- **Old ABC:** This type of column is not relevant first time you import data. Once you start importing and exporting the ABC codes in your ERP, you'll use it to track changes
- **Text:** Text columns make it possible to import all kinds of information, it's the most forgiving column format
- **Ignore:** Ignore columns which you don't need, they'll only cloud your overview later when you start analysing


Finish the import guide

When you are done, click "Apply". Now you are ready to start analyzing! If you get an error message, have a look below.

NB! "Overview" is empty, when data is imported!

"Overview" is empty until you have added your first categorization. When you have added it, your data becomes visible on Overview, Graph and KPI. The imported data is always visible on "Data."



Click  to add **your first ABC categorization**.

Find help in the tutorial "Learn the Basics".

You find 'Learn the Basics' at: http://files.abcsoftwork.com/embed/ABC_Analyzer_Learn_the_basics

Did you get an error message?

All columns and/or cells containing an error are marked in orange.

Double-check: Most likely you have forgotten to choose the right date format, or have tried to import text or date columns using "Number". Or you might have swapped comma and dots? (100.000,67 instead of 1000,000.67). Click "Previous" to double-check your settings.

Empty cells: If you have imported number and/or date columns with empty cells you will always get an error message. Choose "Use standard values" to change empty cells in number columns to "0", and empty cells in date columns to "01-01-1090".

Nice to know

Sanity check your data before import

All columns containing numbers must have:

- The same decimal separator
- The same thousand separator
- Columns containing numbers **may not** contain special symbols – like £, \$, %, # etc.
- Empty cells in columns containing numbers or dates, will give you an error message in last step of the import guide. You can still import your data even though it contains empty cells (read more at the last page).
- Dates: All columns containing dates must have the same date format.

Are you importing an Excel file?

Remember: No calculated columns may contain errors! Typically errors arise when you try to divide by 0.

The Excel file may not be open in other programs during import. During import, all your data is copied from the Excel file to ABC Analyzer. Formulas will not be recalculated, so the imported data will always be identical to the data last saved in Excel.

ABC Analyzer support the following date formats:

- | | | |
|--------------|--------------|--------------|
| • 29-12-1980 | • 80-29-12 | • 1980/29/12 |
| • 29-12-80 | • 12291980 | • 80/29/12 |
| • 1980-12-29 | • 122980 | • 29.12.1980 |
| • 80-12-29 | • 19802912 | • 29.12.80 |
| • 29121980 | • 802912 | • 1980.12.29 |
| • 291280 | • 29/12/1980 | • 80.12.29 |
| • 19801229 | • 29/12/80 | • 12.29.1980 |
| • 801229 | • 1980/12/29 | • 12.29.80 |
| • 12-29-1980 | • 80/12/29 | • 1980.29.12 |
| • 12-29-80 | • 12/29/1980 | • 80.29.12 |
| • 1980-29-12 | • 12/29/80 | |