

# The fastest time series analysis, presentation & publication service

Or how long would it take you to turn this data into a chart?

time series in csv-format:
Date,"Commodity Prices: Nominal Commodity Prices: Gold, \$/toz, nominal\$","Commodity Prices: Nominal Commodity Prices: Platinum, \$/toz, nominal\$","Commodity Prices: Nominal Commodity Prices: Silver, \$/toz, nominal\$" 1959-01-01,"35.25","83.5","0.9137" 1960-01-01,"35.25","83.5","0.924442" 1961-01-01,"35.29","83.5","1.083725" 1962-01-01,"35.09",80.93083"",1.279108"
 2006-01-01,"696.7203","1304.94","13.39198" 2007-01-01,"871.7073","1574.499","14.99653" 2008-01-01,"972.9659","1203.401","14.64353" 2009-01-01,"1224.664","1609.754","20.15296" 2010-01-01,"1569.211","1719.482","35.22412"
2011-01-01,"1669.518","1550.836","31.13741" 2012-01-01,"1411.462","1486.545","23.84969" 2013-01-01,"1265.434","1383.571","19.06717" 2014-01-01,"1160.663","1053.203","15.72067" 2015-01-01,"1248.988","987.0867","17.14675" 2016-01-01,"1257.56","948.4533","17.06617"

NOW aims

- to turn your csv-data into charts

 to provide statistical analysis capabilities and interactive time series visualisations

ready to

- export charts and
- tables within seconds

#### ready for

- your publications
- your presentations (also live)
- sharing within your network
- external modeling or
- saving your work to your NOW-Account

NOW is also implemented in AllThatStats and available for all corresponding licenses already.

# start NOW

#### presenting charts and tables

No matter whether the data is available in csv format or can be taken from databases such as AllThatStats. NOW transforms your time series into charts and gets your stories straight, ready to be published in articles, blogs or presentations.

new sheet loa	d sheet	AllThatSta	ats DB	CHART	MOTION	TABLE	private,	/public Export
AD HOC CALCULATOR	Date	Denmark	Germany	Estonia	Greece	Spain	Croatia	SERIES
	2003-01-0	36.3			36.2			- time
	2004-01-0	35.8		40.9	34.2			series descriptions latest value
	2005-01-0	35.8	33.1	37.9	34.7			
	2000 04 0		25.2	26.2				CHART TYPE/



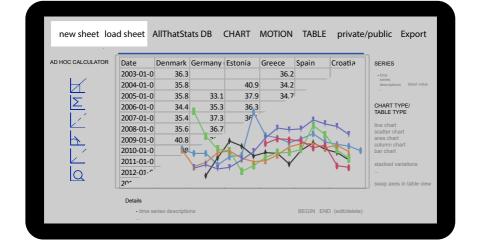
#### data sheets

(data sheets are user defined time series collections)

All functionalities can be controlled directly via one screen (also touch screens): simply copy or upload data from external sources, or call previously prepared data sheets from your NOW library to be presented immediately in the form of charts or tables.

**Import new or load** existing sheets from your private account for further action into NOW: make ad hoc calculations, generate charts and export them for publication.

**Store** data sheets for repetitive usage in your personal NOW library.



# AllThatStats DB

(available for AllThatStats licensees)

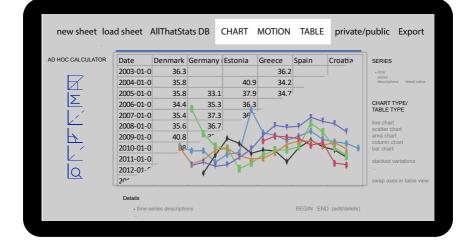
NOW is already implemented to the AllThatStats database (ATS DB) environment and also controls the ATS data retrieval and direct ATS data access.

new sheet loa	d sheet	AllThatSta	ats DB	CHART	MOTION	TABLE	private/	/public Export
AD HOC CALCULATOR	Date	Denmark	Germany	Estonia	Greece	Spain	Croatia	SERIES
	2003-01-0	36.3			36.2			- time
	2004-01-0	35.8		40.9	34.2			descriptions latest value
	2005-01-0	35.8	33.1	37.9	34.7			
Σ	2006-01-0	34.4	35.3	36,3				CHART TYPE/ TABLE TYPE
1	2007-01-0	35.4	37.3	36				
	2008-01-0	35.6			V++			line chart scatter chart
	2009-01-0		2*	N		KA		area chart column chart
	2010-01-0		-17	<b>N</b> X	tek -		201	bar chart
	2011-01-0	L `		X	$\rightarrow$			stacked variations
Q	2012-01-1		* 🗸 🗖	' <b>r</b> -				
	201							swap axes in table view
	Details							
	- time s	eries descriptio	ns			BEGIN ENI	) (edit/delete)	

#### presentation

Switch back and forth between charts, motion views and tables:

- Chart view
- **Motion view**: animated time series data along the time axis
- Table view



# publication

**Private** (by default): all sheets classified as private are not accessible by third parties,

or unlock selected ones for the **public**: to be shared within the NOW environment (read-only).

new sheet loa	d sheet	AllThatSta	ats DB	CHART	MOTION	TABLE	private/	public	Export
AD HOC CALCULATOR	Date	Denmark	Germany	Estonia	Greece	Spain	Croatia	SERIES	
	2003-01-0	36.3			36.2			- time	
	2004-01-0	35.8		40.9	34.2			series descriptio	ns latest value
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	2007-01-0	35.4	37.3	36		4			
	2008-01-0	35.6	36.7		$\backslash +$	-		line chart scatter ch	
$\rightarrow$	2009-01-0	40.8	25	M	XH			area char column c	
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0	2012-01-1		F	7 1					
	201							swap axe	s in table view
	Details								
- time series descriptions						BEGIN EN	D (edit/delete)		

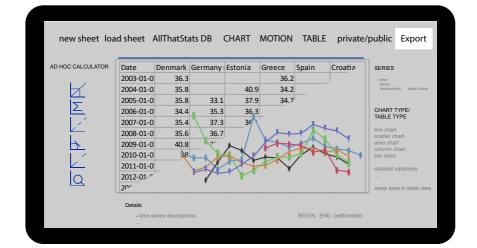
# export/ data transfer

Export the displayed charts or tables for further external usage, e.g. publication works, more demanding calculations, or modellings.

Export functionalities are also provided directly on stage:

**export sheets:** sheets can be exported into Excelor CSV-format

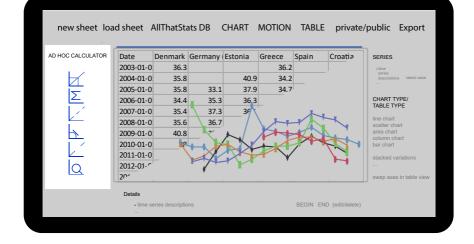
**export charts**: charts can be exported into SVG- or PNG-format



#### analyses

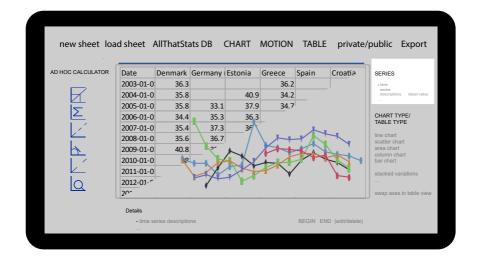
Run statistical ad hoc analyses:

- build index
- aggregate series
- forecast series
- rate of change
- interpolate missing values
- analyse time series



#### series

A quick overview of the latest data status. List of the most current values of all time series displayed on the stage.



## chart & table types

- CHART TYPE: line, scatter, area, column, bar

- TABLE TYPE: x-y axis vs. y-x axis

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$\rightarrow$	2009-01-0		2"		PH	KA		area chart column chart
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	2011-01-0	_ `	HA.	XX	$\rightarrow$			stacked variations
Q	2012-01-1		· / ·	· · ·				
	201							swap axes in table view
	Details							
	- time s	eries descriptio	ins			BEGIN EN	D (edit/delete)	

## details

Time series description

List of all selected time series. Editing and deleting functionalities are also provided. AllThatStats DB only: descriptions are extracted from the official classification plans. They are automatically optimised by grouping according to common themes (as far as possible).

