

RAIRD

Remote Access Infrastructure for Register Data

- metadata aspects

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European Data Access Forum
Luxembourg 24-25 March 2015

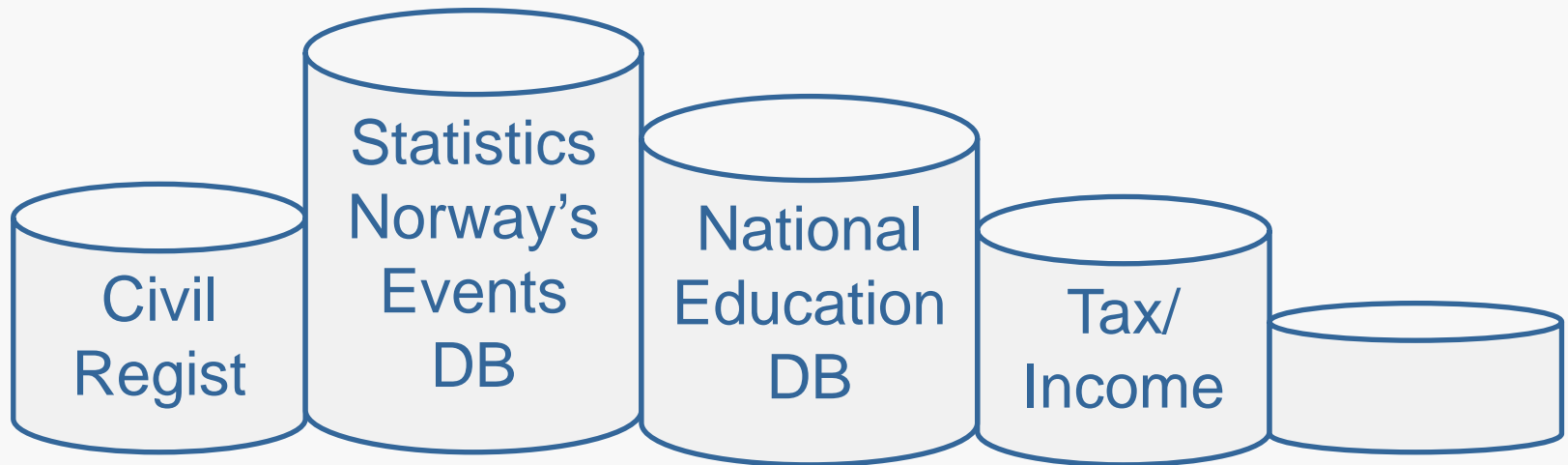


Statistisk sentralbyrå
Statistics Norway



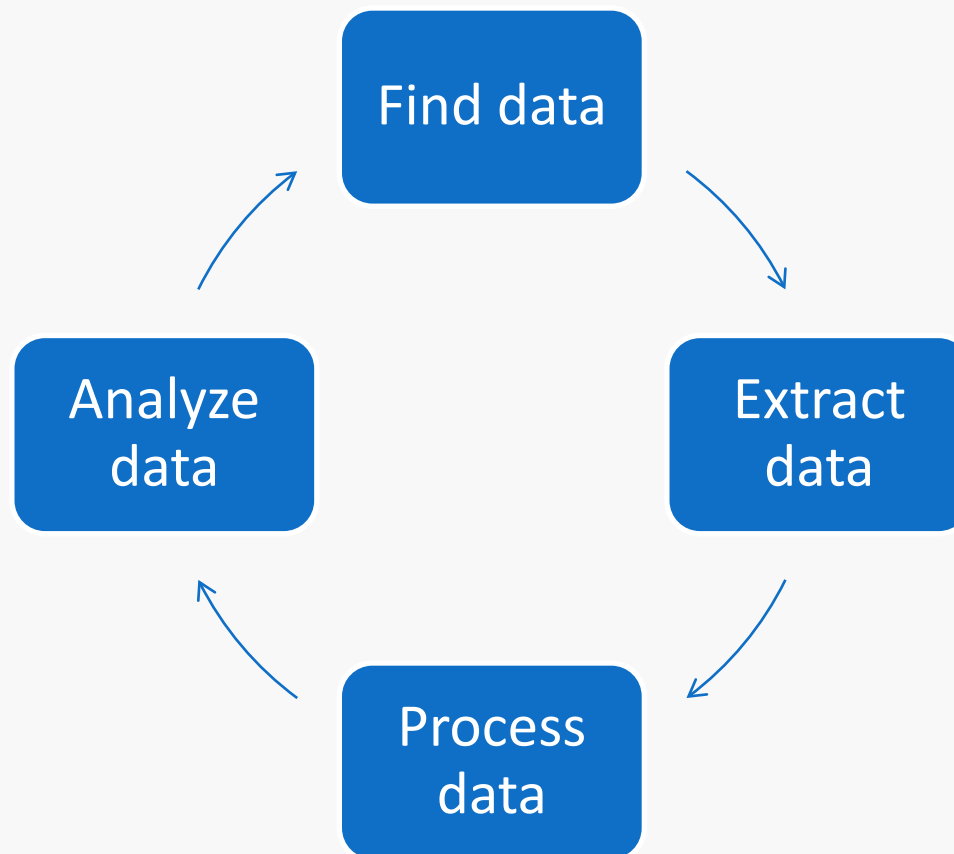
Goal of RAIRD:

Increase research on data from administrative registers

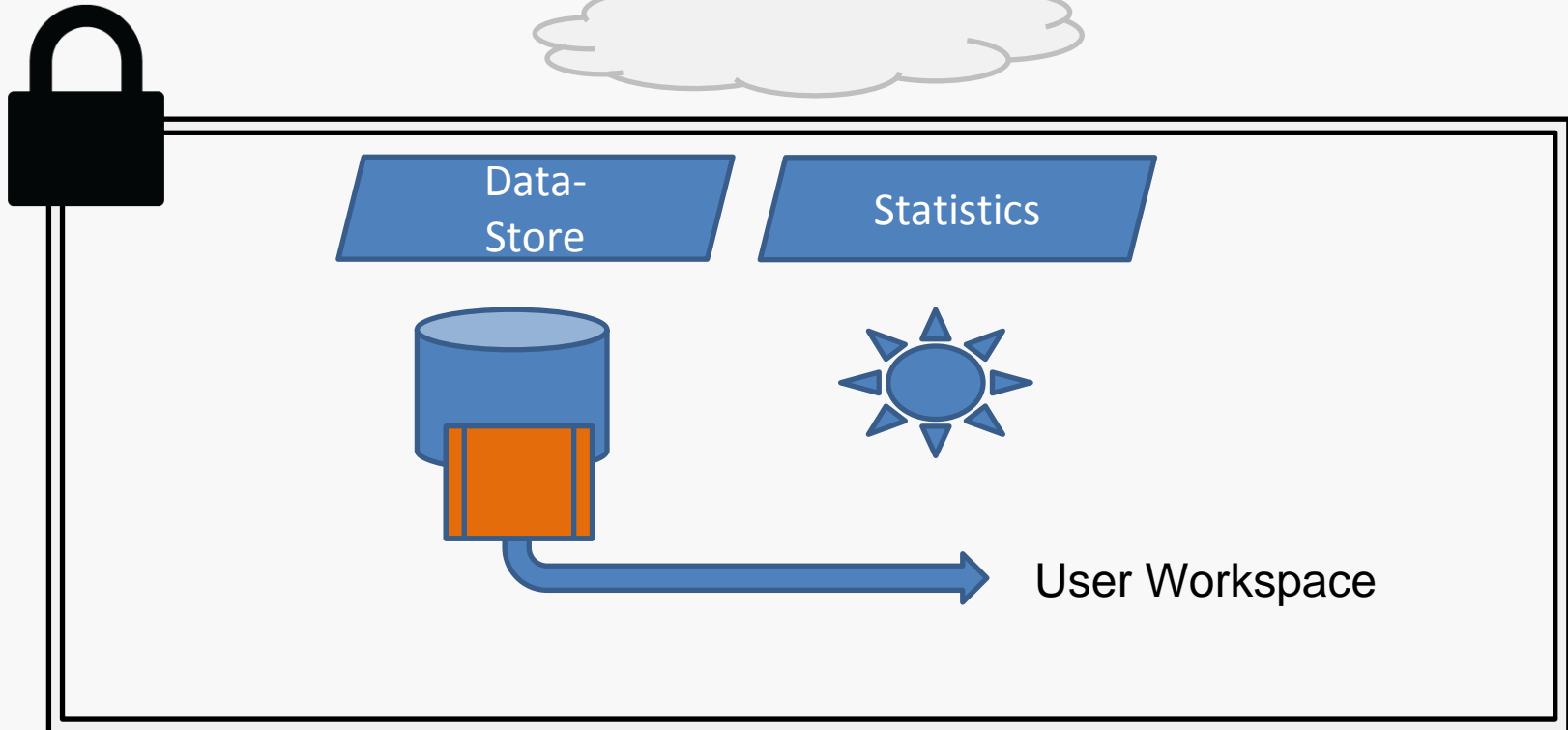


Statistisk sentralbyrå
Statistics Norway

Remote data preparation and analysis

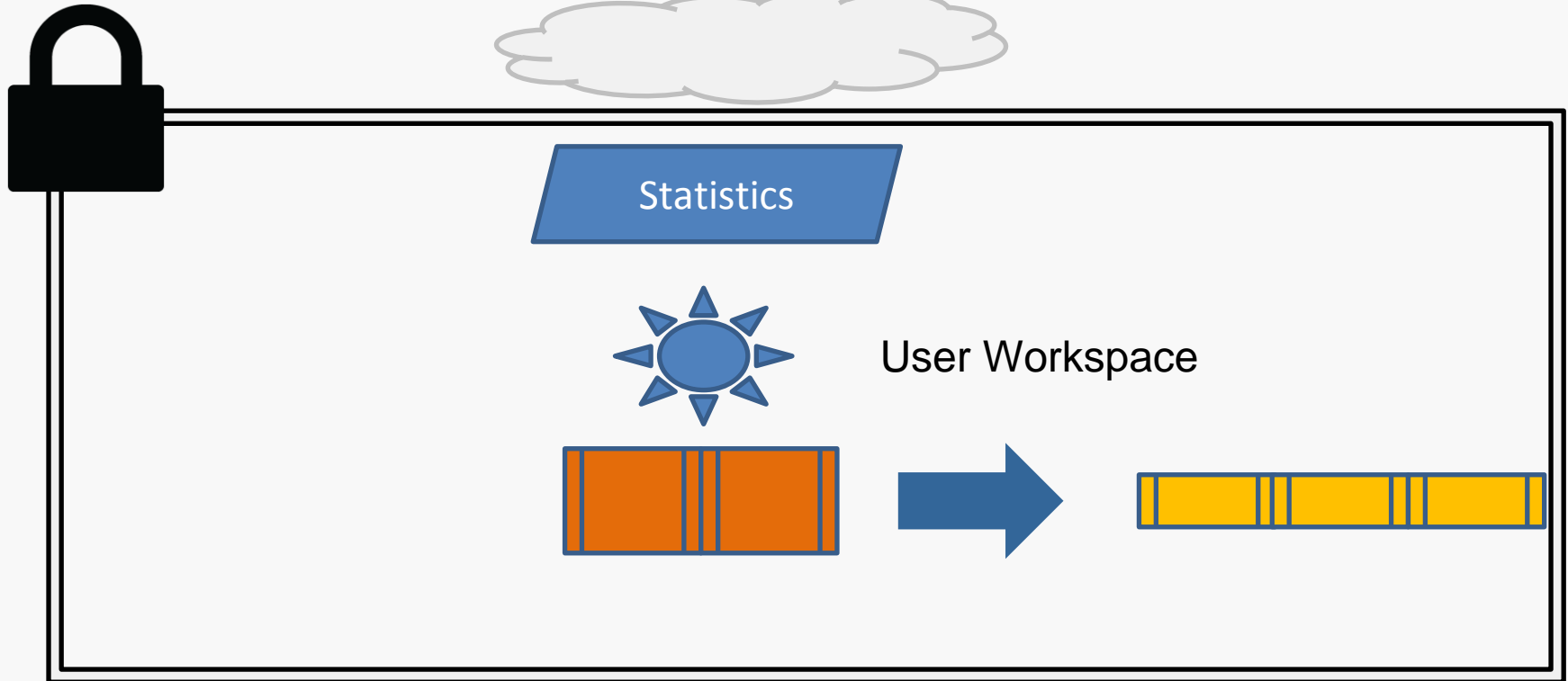


Extract
data



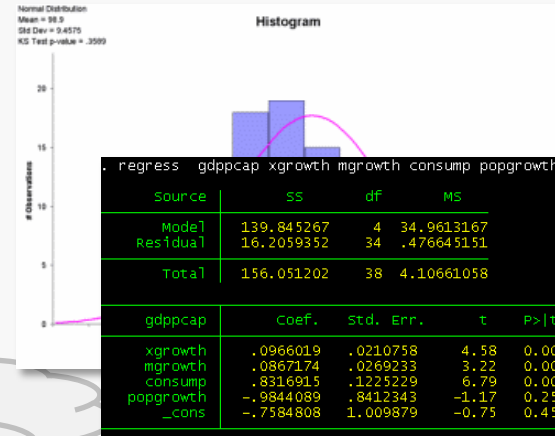
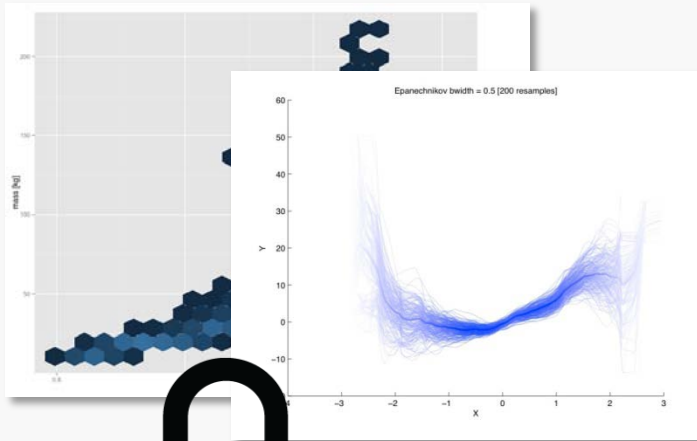
Process data

(Prepare for analysis)

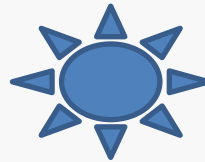


Analyze data

RAIRD



Statistics



User Workspace

Researcher cannot see data

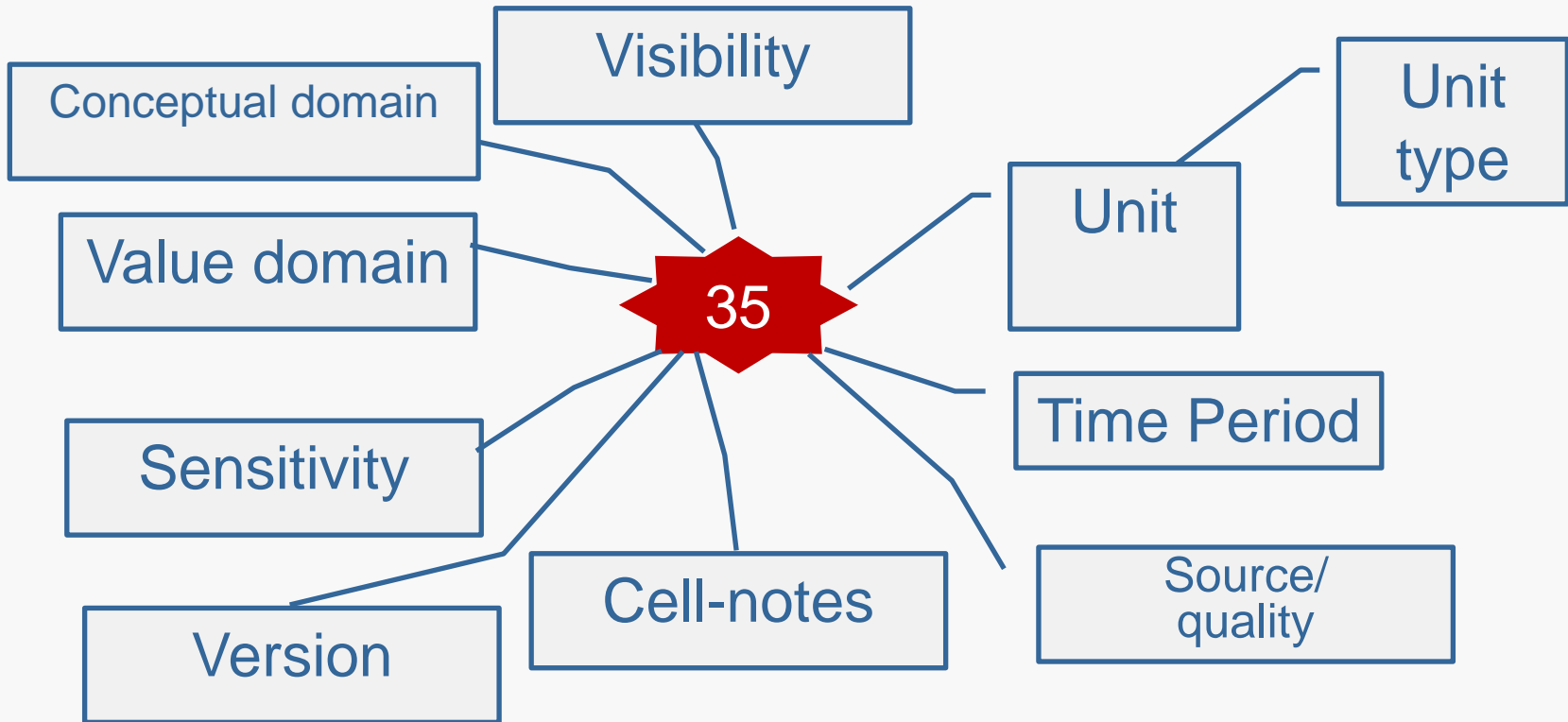
Metadata is the interface to data



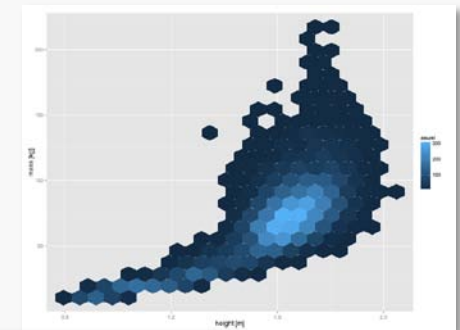
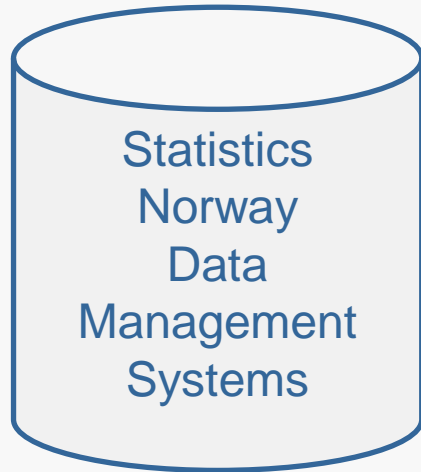
Metadata



Each observation (datum) has a rich context



Tracking the Datum-context throughout the system – The Datum Lifecycle



```

.regress  gdppcap  xgrowth  mgrowth  consump  popgrowth

```

Source	SS	df	MS		
Model	139.845267	4	34.9613167	Number of obs =	39
Residual	16.2059352	34	.476645151	F(4, 34) =	73.35
Total	156.051202	38	4.10661058	Prob > F =	0.0000
				R-squared =	0.8961
				Adj R-squared =	0.8839
				Root MSE =	.69039

gdppcap	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
xgrowth	.0966019	.0210758	4.58	0.000	.0537706 .1394331
mgrowth	.0867174	.0269233	3.22	0.003	.0320027 .1414321
consump	.8316915	.1225229	6.79	0.000	.5826951 1.080688
popgrowth	-.9844089	.8412343	-1.17	0.250	-2.694003 .7251848
_cons	-.7584808	1.009879	-0.75	0.458	-2.810803 1.293841

Closing the metadata gap

