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Cognos Framework Manager vs. Data Modules

Comprehensive comparison plus key feature gaps

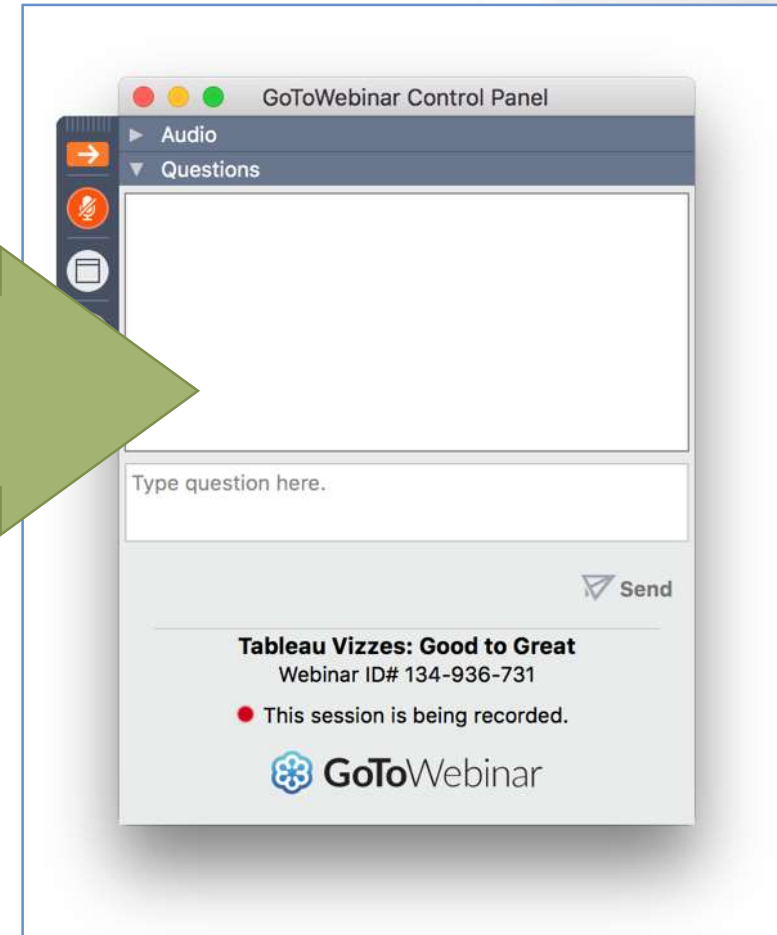


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BUSINESS
STRATEGY



IBM COGNOS REPORTING TOOLS: FEATURE SET COMPARISON
Visual Reference Guide



FEATURES



A COMPARISON OF POWER BI, TABLEAU & COGNOS
Differentiators Demo'd



FEATURES



Agenda

Introductions

Quick intro of the two tools

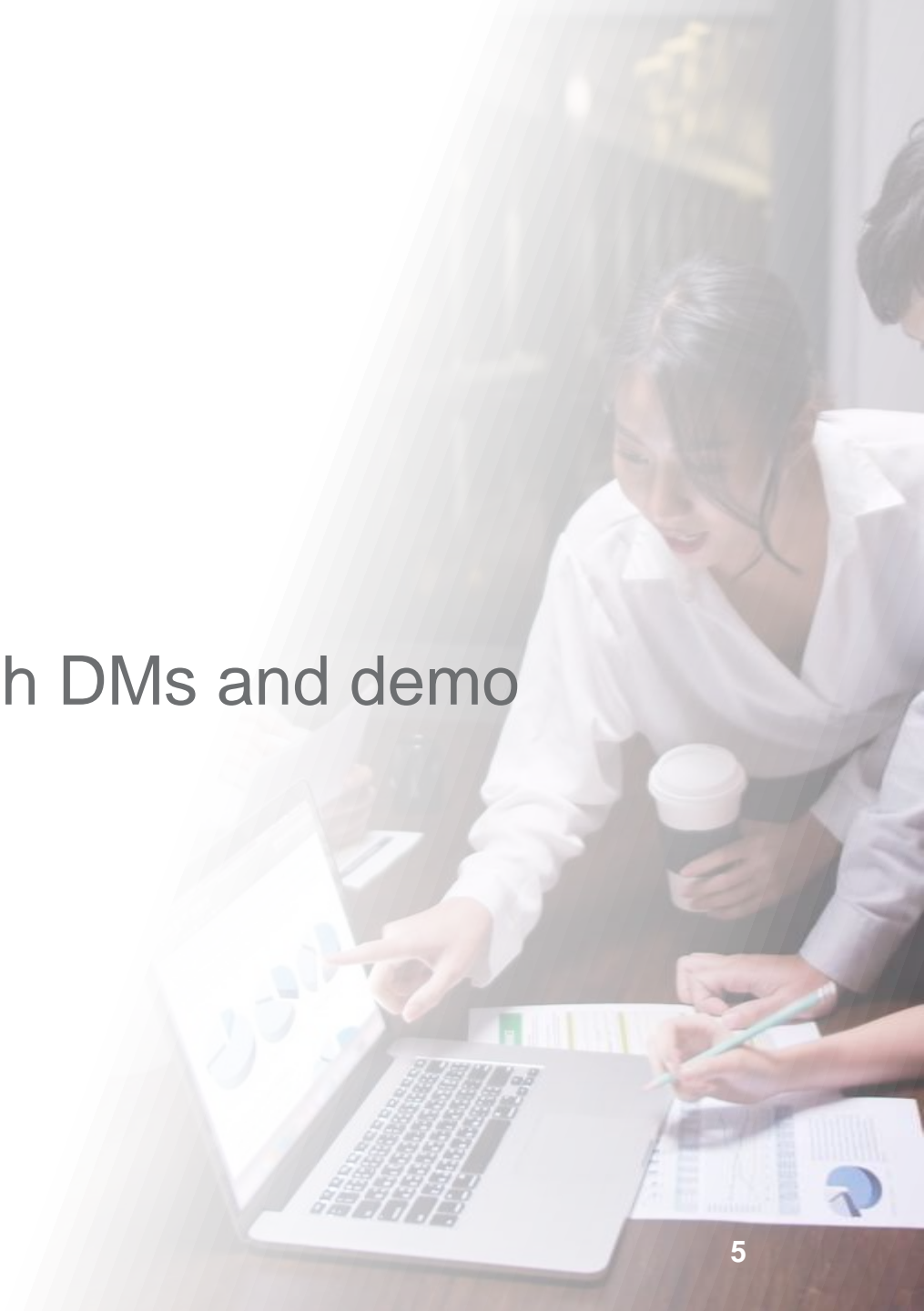
Comparisons

Discuss some key FM modeler issues with DMs and demo some solutions

Senturus overview

Additional resources

Q&A



Introductions



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Senturus, Inc.



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Director
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The Cognos modeling legacy

Transformer

Dynamic Cubes

Framework Manager
DMR

Data Modules
Data Sets

Top question

Should I replace all my existing Framework Manager Models/packages with data modules?????

- Existing FM production packages may be working fine and there may be no need to port a 1 for 1 implementation to a data module
- IBM has no plans to remove product support for FM
- But ... you may want to give a serious look at new modeling tasks to start with data modules

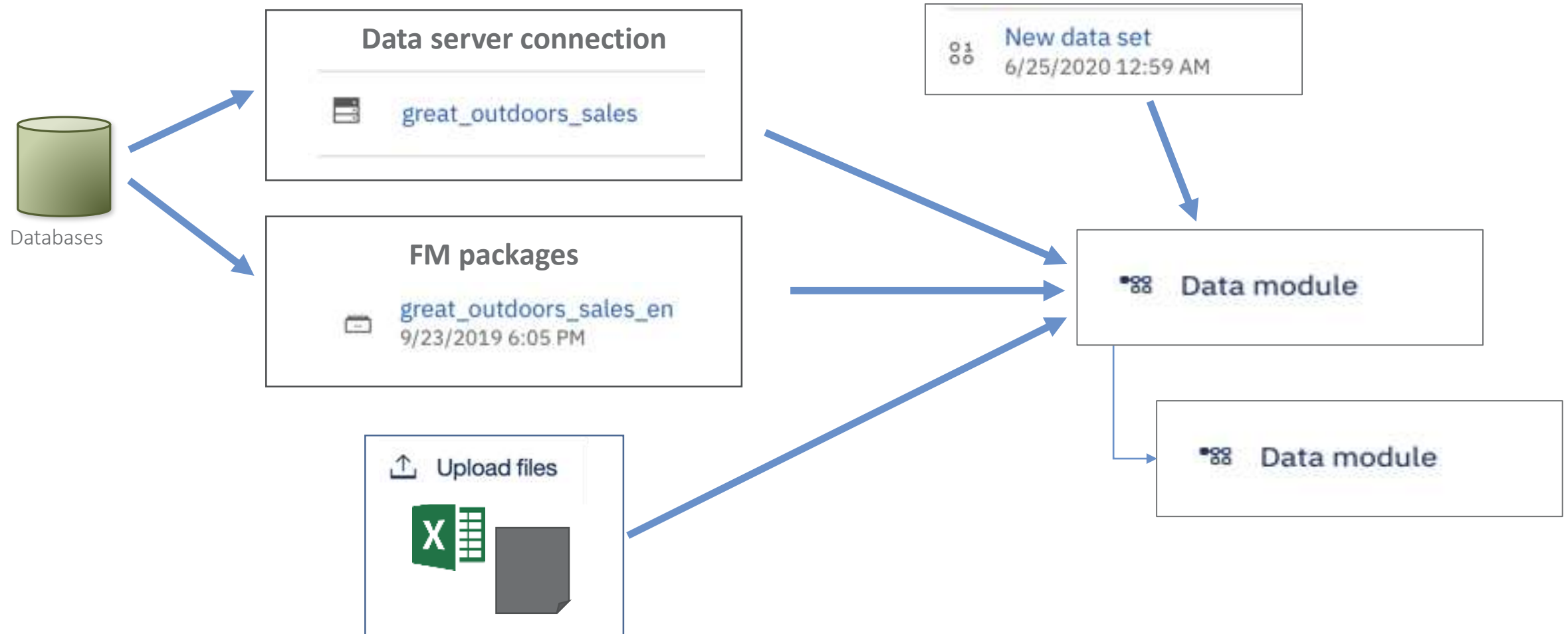
Cognos Framework Manager

- Primary modeling tool in Cognos ReportNet, Cognos 8, Cognos 10
- Still used widely in Cognos Analytics 11 some customers only use packages from FM
- IT centric tool used by developers and data modelers
- Not really meant for 'end users' but some have tried
- From an era of the 'single source of truth DWH'
- No future enhancements are planned for this product

Cognos data modules

- Web based end-user focused data blending, modeling, transformation tool debuted on Cognos Analytics 11.0
- IBM's response to data democratization and other tools like Tableau and Microsoft Power BI
- 11.1 significantly closed some of the technical gaps between FM and DM
- All future development resources will be focused on DM enhancements

Data modules – integrate many sources



What are data modules still missing?

- DMR – dimensionally modeled relational
- Object based security
- Model branches and merges – team-based modeling
- Parameter maps
 - Multi-lingual packages
 - Complex row-level security implementations
- FM style namespaces (but we can somewhat simulate)
- FM style packages

What data modules do that Framework Manager can't do

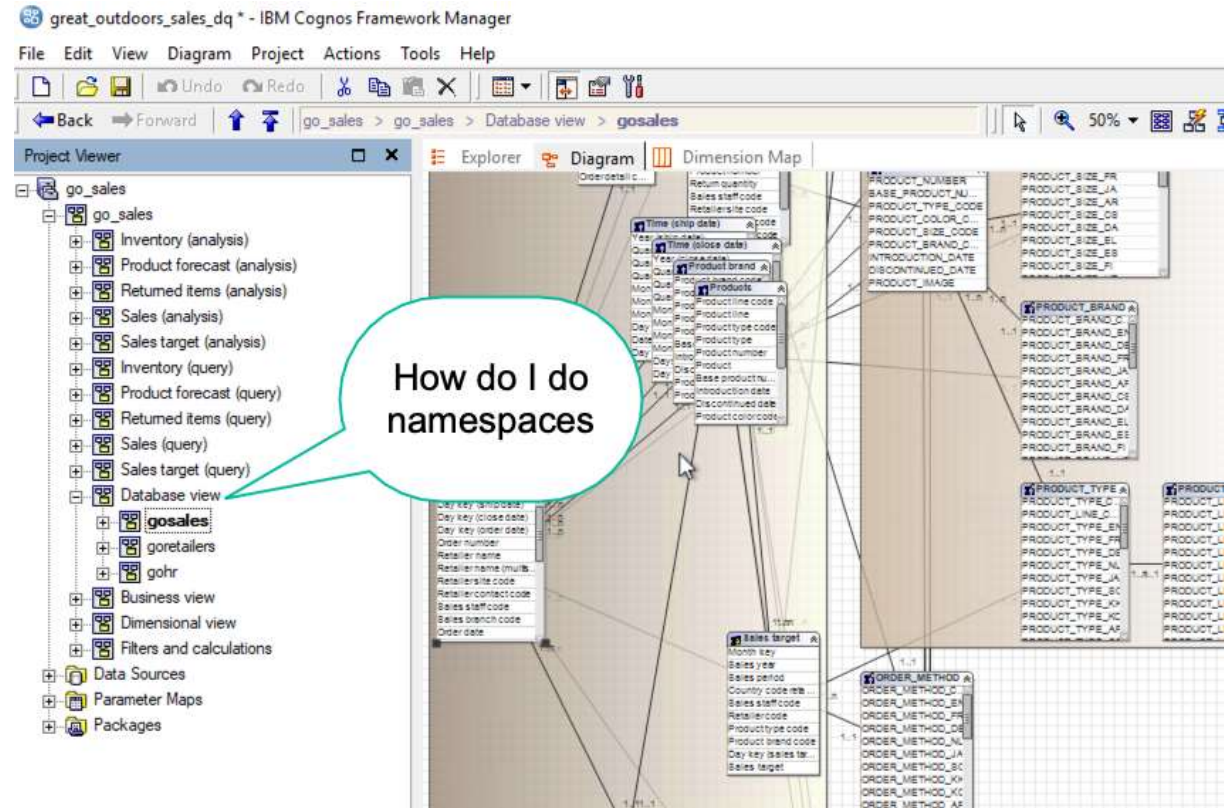
- Easy integration of uploaded files – Excel, CSV
- Simple data cleansing built-in
- Easy hierarchy creation – navigation paths
- Automatic creation of relative time filters (YTD,MTD etc.)
- In-memory use of datasets
- Data grouping
- Web-based interface

Common FM modeler issues with data modules

- Web UI not as precise and snappy as FM
- Lack of layers, namespaces, model query subjects
- No alias shortcuts
- Determinants

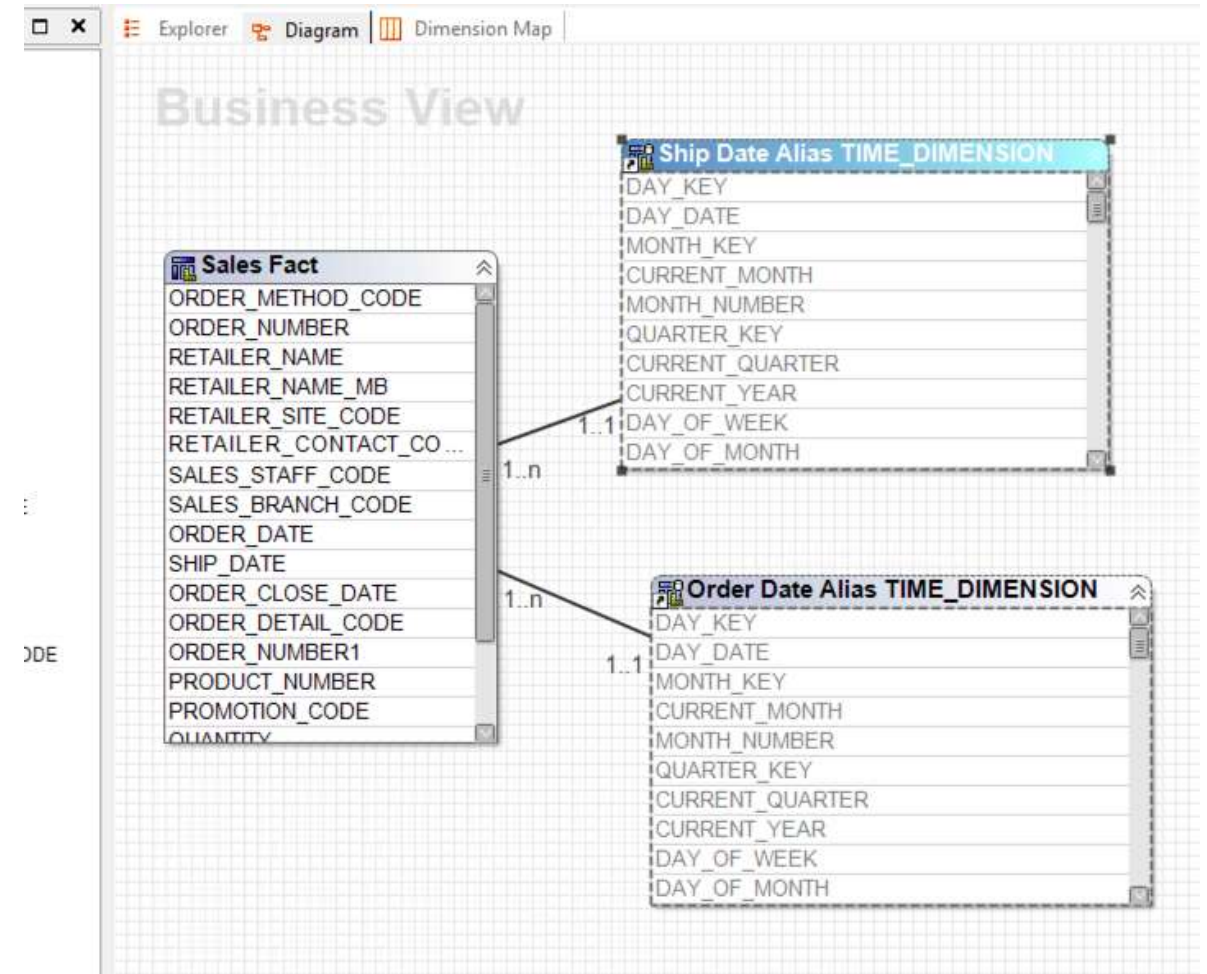
Namespaces and model query subjects

- The typical FM paradigm of layers and namespaces are missing
- I want a physical layer that I can hide
- How can I publish a centrally controlled data module?



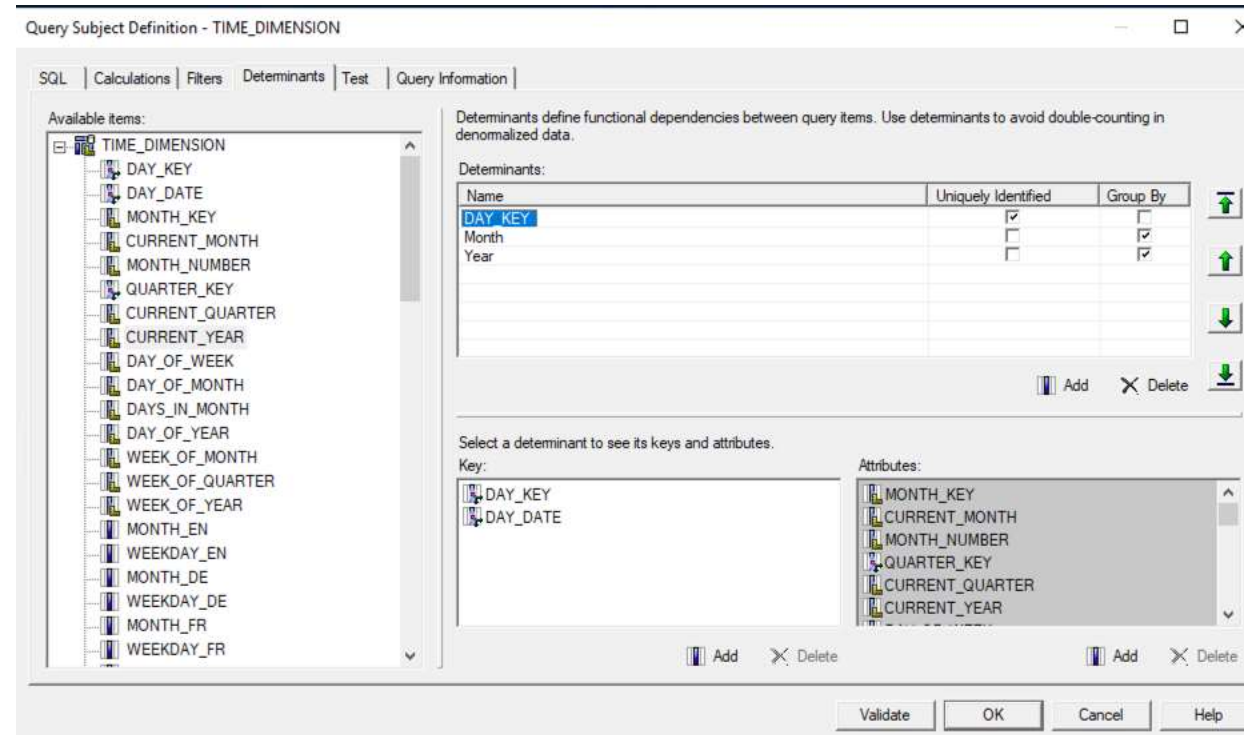
Alias shortcuts – custom table views

Necessary for “role playing” dimensions



Determinants vs. column dependencies

- Needed for multi-grain multi-fact queries
- FM used determinants
- DM has simplified the concept with column dependencies



Poll

Going forward, I plan to do Cognos metadata modeling with:
(select all that apply)

- Framework Manager
- Data modules
- Microsoft Analysis Services
- Other/undecided

Got Cognos challenges?

Time consuming data preparation?

Can't drill down to detailed data?

Slow performance?

Poor user adoption?

Get solutions:

The Senturus Architectural Assessment

Best practices modeling

Metadata health check

Performance tuning

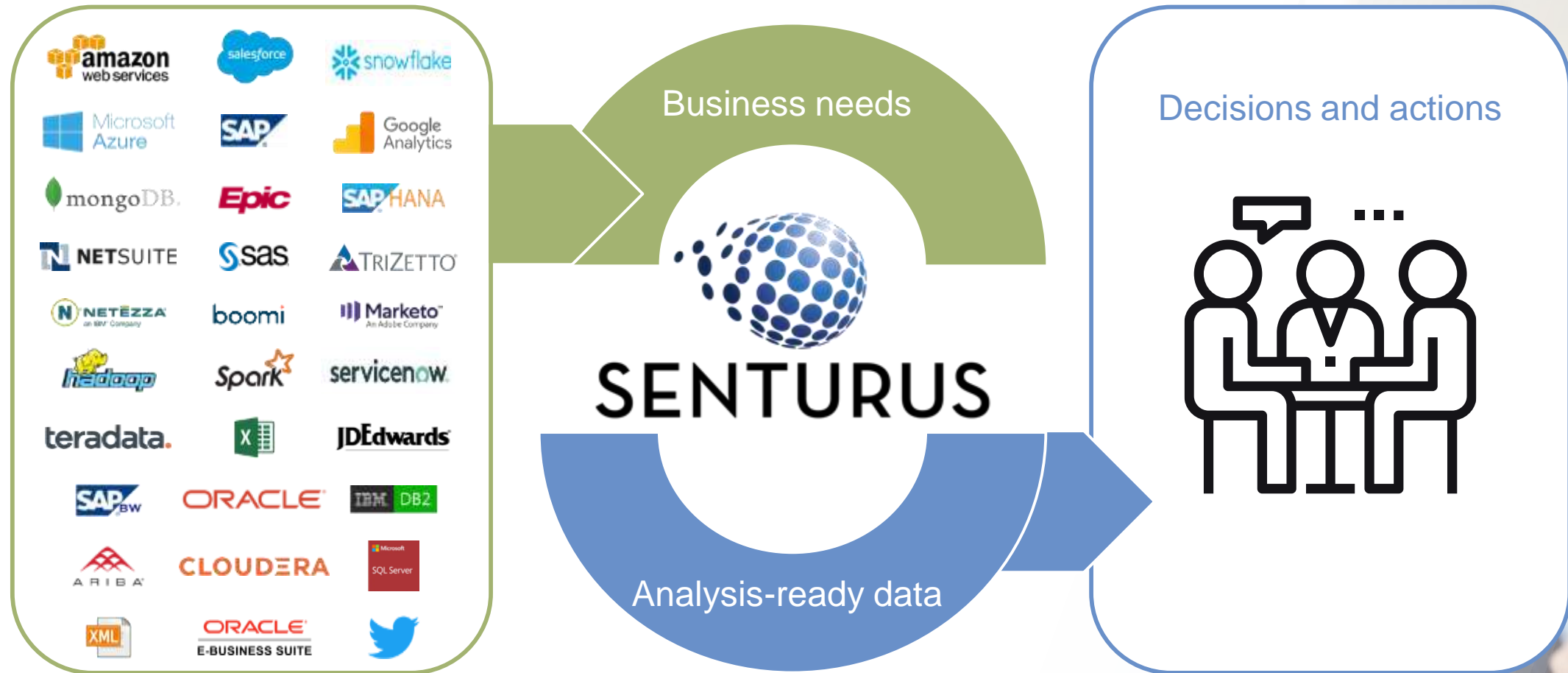
Self-service

Best tool for the job (FM vs. DM)

The authority in business intelligence

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Upcoming events

Cognos Analytics: Dashboards or Reports?

Matching tools to business requirements

Tuesday, Jul 28, 2020, 11am PT/2pm ET



Complete BI training



Power BI



Tailored group sessions



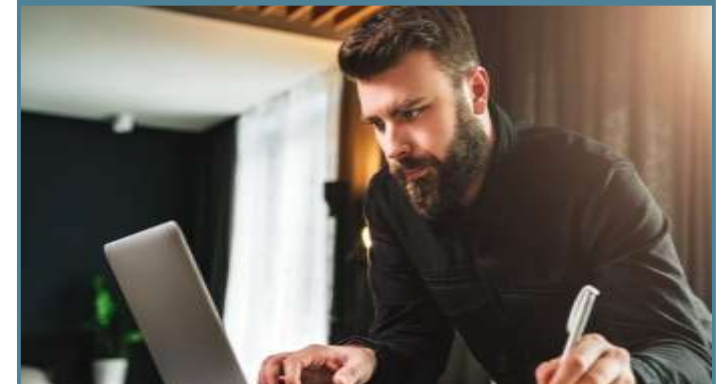
Mentoring



Instructor-led online courses



Self-paced learning



Additional resources

Unbiased product reviews



Technical tips



Insider viewpoints



More on this subject



Product demos



Upcoming events

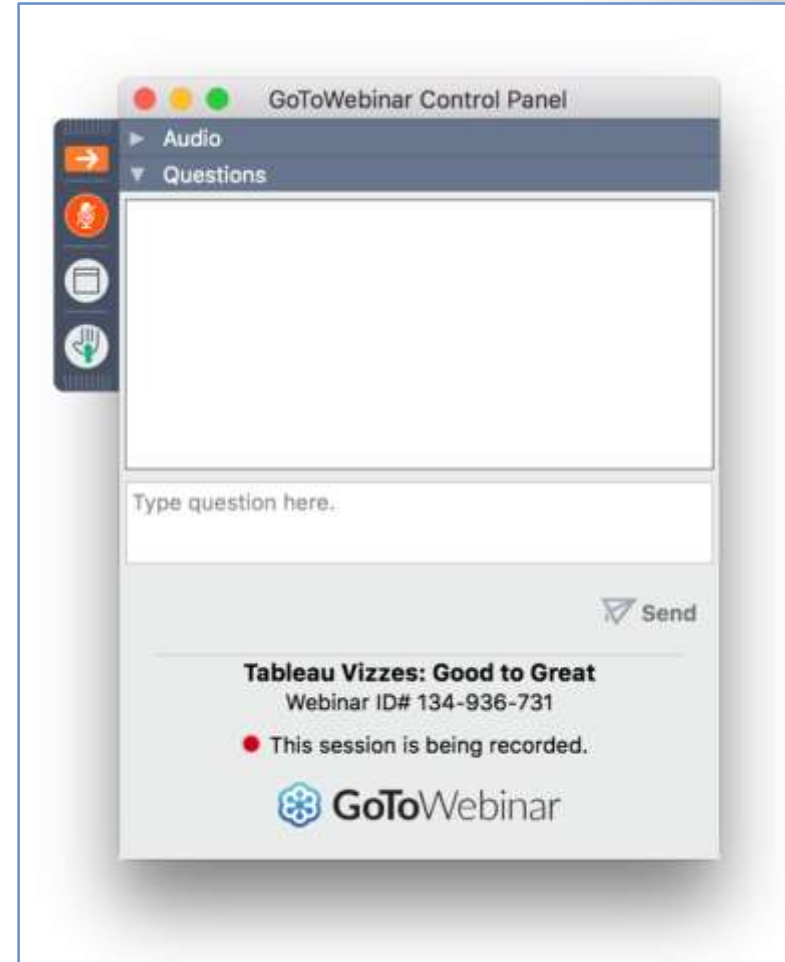


Q & A

If your question or issue is broader than what we are able to answer today, contact us at:

info@senturus.com

and we will set up a free consultation.



Thank You



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