



SENTURUS

Collaborative BI: 3 Ways to Use Cognos with Power BI & Tableau

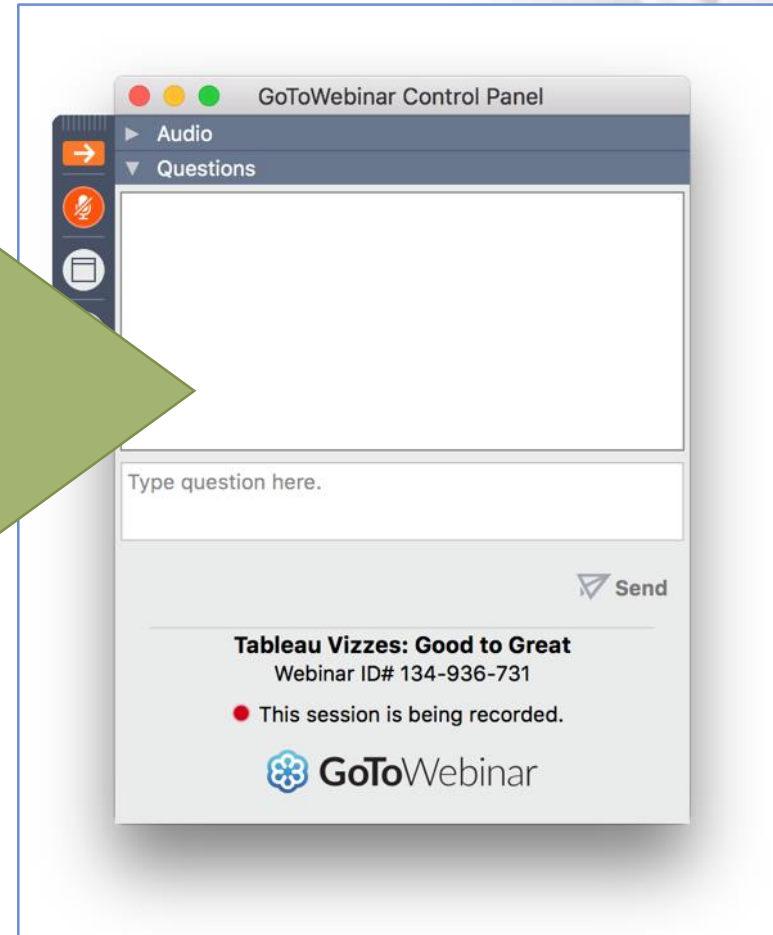


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Topics


- Analytics Connector
- Cross Vendor Comparisons
- Dashboards Reporting & Visualizations
- Data & Cloud Architecture
- Data Prep & Modeling
- Deployments & Performance Optimization
- IBM Analytics & Cognos
- Microsoft Azure & Power BI
- Security, governance & administration
- Snowflake
- Tableau




Webinar
6 Ways to Publish & Share Tableau Dashboards
How-to demo and discussion of pros, cons and considerations




Webinar
How to Successfully Implement Self-Service Analytics
Agile, governed self-service BI with a focus on Cognos analytics




Webinar
Creating a Power BI Report Your Boss Can Navigate
How to design a user-friendly nav experience



Webinar
Power BI Report Builder & Paginated Reports
Creating pixel-perfect reports for printing and PDF



Webinar
Using Python with Power BI
Learn the basics, including the software and plotting libraries



Webinar
Streamline Cognos Migrations and Consolidations
Automatically decode Cognos content and reduce migration time by 90%

Agenda

Introductions

What is bimodal analytics?

How do we leverage the Cognos metadata?

3 Methods to leverage Cognos data in Tableau & Power BI

Senturus overview and additional resources

Q&A



Introductions



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Senturus, Inc.



Steve Reed Pittman

Director
Enterprise Architecture and Engineering
Senturus, Inc.

Poll #1

Which BI platforms are currently used in your organization?
(Select all that apply)

- Cognos
- Power BI
- Tableau
- Qlik
- Other

Poll #2

Long term, which BI platforms does your organization plan to use? (Select all that apply)

- Cognos
- Power BI
- Tableau
- Other

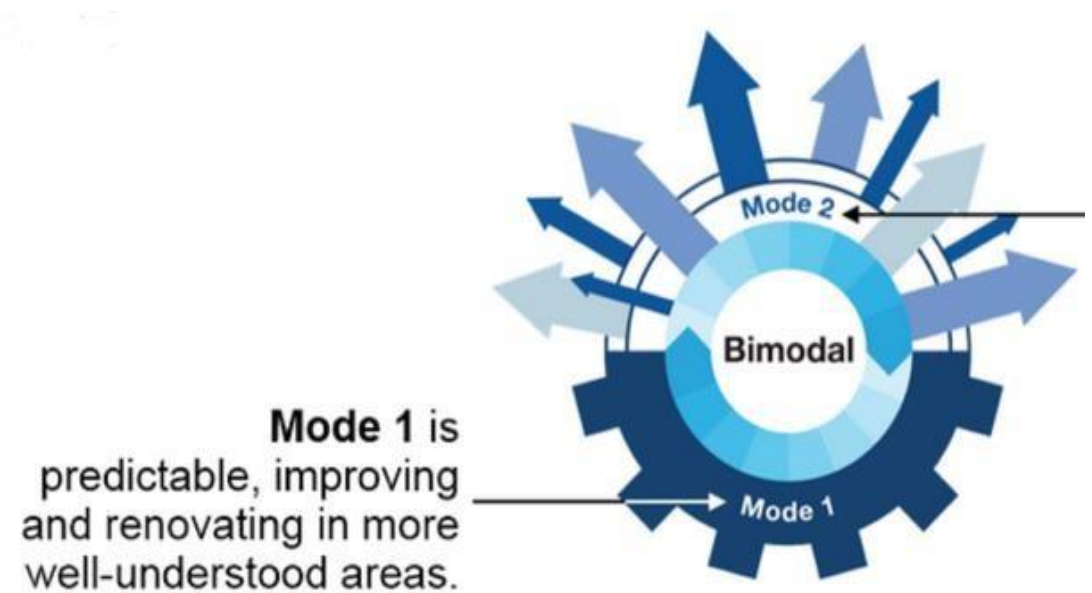
Today's discussion

- Many organizations maintain a 'legacy' Cognos implementation
- Organizations have decided to move to Mode 2 type tools:
 - Tableau
 - Power BI



Mode 1: bimodal analytics

- Linear: predictable, accurate and stabile
- Traditional enterprise reporting
- Trusted governed, quality data
- Limited flexibility
- Limited self-service or visual exploration
- Data warehouse can take time to develop
- IT bottlenecks

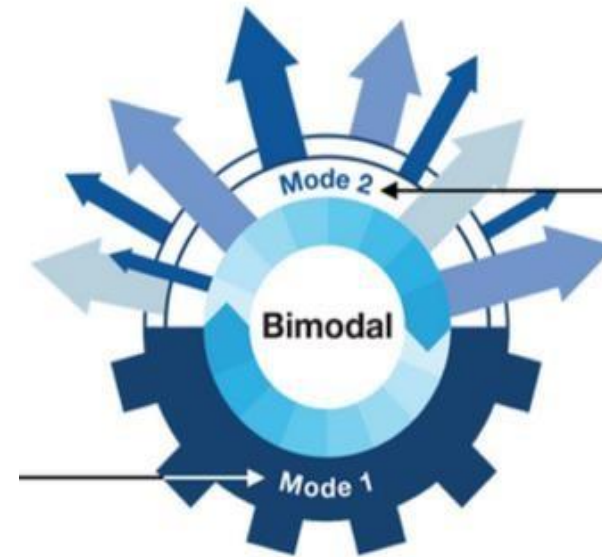


Mode 2: bimodal analytics

- Allows for business-driven data analysis and discovery
- Iterative by nature
- Emphasizes agility and speed
- Visual data exploration
- Governed and non-governed data

Issues

- Mix of governed and non-governed data.
- Non-central or duplicate metadata.



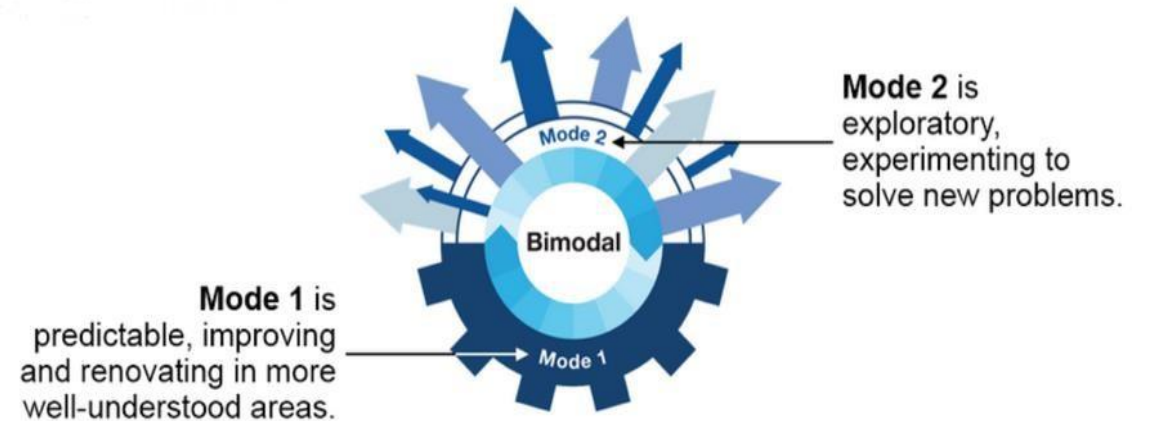
Mode 2 is exploratory, experimenting to solve new problems.

Analytics architecture

- Centralized data warehouse
- Data dictionary
- Acknowledge that both types of analytic tools are important
 - Cognos for mode 1
 - Tableau &/or Power BI for mode 2

BUT what about the analytics metadata???

Figure 11



Poll #3

How do your Power BI and Tableau users currently access data? (Select all that apply)

- Directly from data sources
- From a data warehouse or other data store
- Downloading from Cognos into a CSV file (or similar)
- Other

BI metadata

- Maps physical structures to logical business names
- Isolates users from the complexity of the database
- Cognos FM has mapped the physical structures to data governed metadata

Agency Information
D_AGENCY

Columns 35 Samples 100 Filters 124 Joins 68 Lineage

Sample flow of governed metadata

DW_AGY_SK
AGY_BK
AGY_CUST_NO
AGY_NO Agency No.
AGY_NM Agency
AGY_DBA_NM Agency DBA
AGY_EMAIL_ADDRESS Email
AGY_BUSS_PHN_NO Business Phone
AGY_CELL_PHN_NO Cell Phone
AGY_FAX_PHN_NO Fax
AGY_STATUS Agency Status

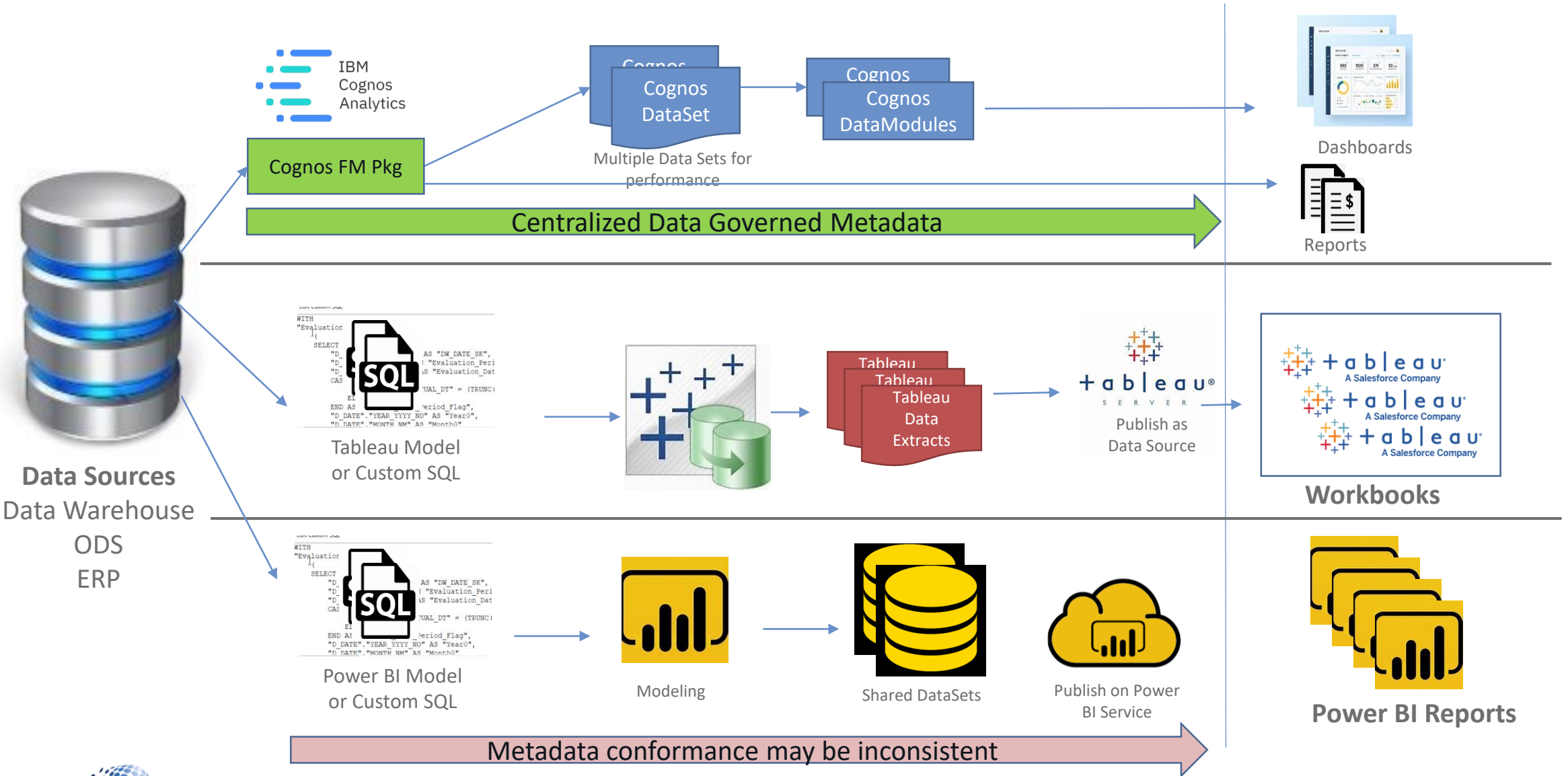
IBM Cognos Analytics

Historical Dimensions
Agency
AGY_BK
abc Agency Customer N
abc Agency No.
abc Agency
abc Agency DBA
abc Email
abc Business Phone
abc Cell Phone
abc Fax
abc License Status
abc Agency Status

Tableau - Book1

Tables
Actual Date
Agency
Agency No.
Agency Status
Agency ZipCode 5 Digit
Class Code
Current Eval Period Flag
Effective Date
End Date
Hazard Group
Hazard Group Code
Industry Group
Industry SubGroup
Insured Customer No
Insured Name

Multiple tools multiple metadata layers



Why you shouldn't (re)-create metadata



Time Consuming



Compromises Data Security

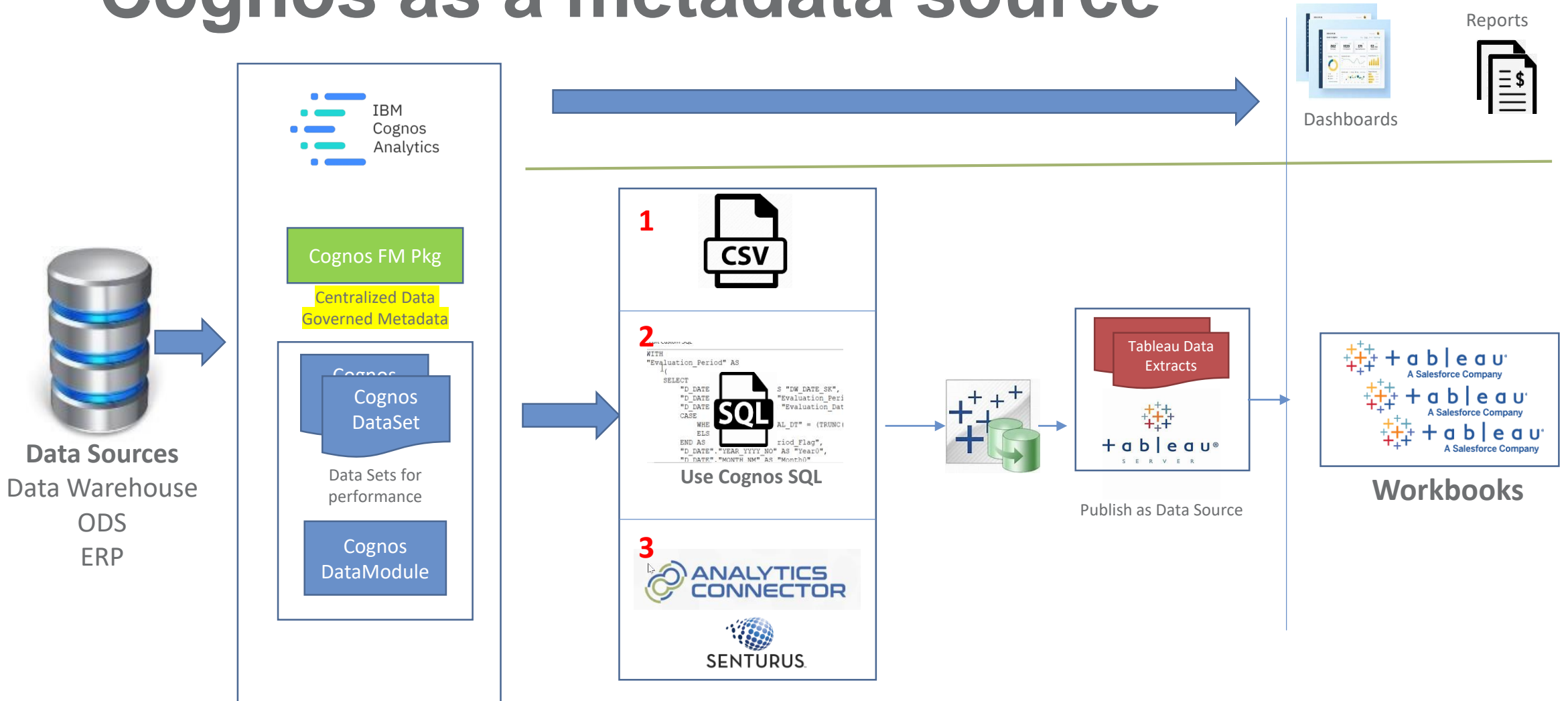


Compromises Data Integrity



Creates Data Silos

Cognos as a metadata source



Centralized Data Governed Metadata

CSV extract

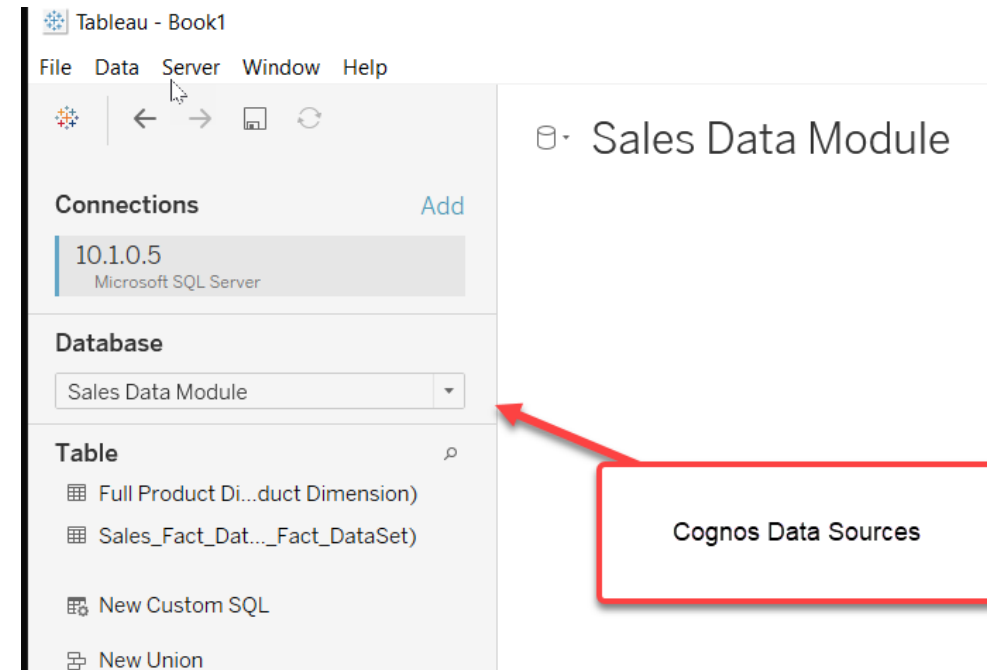
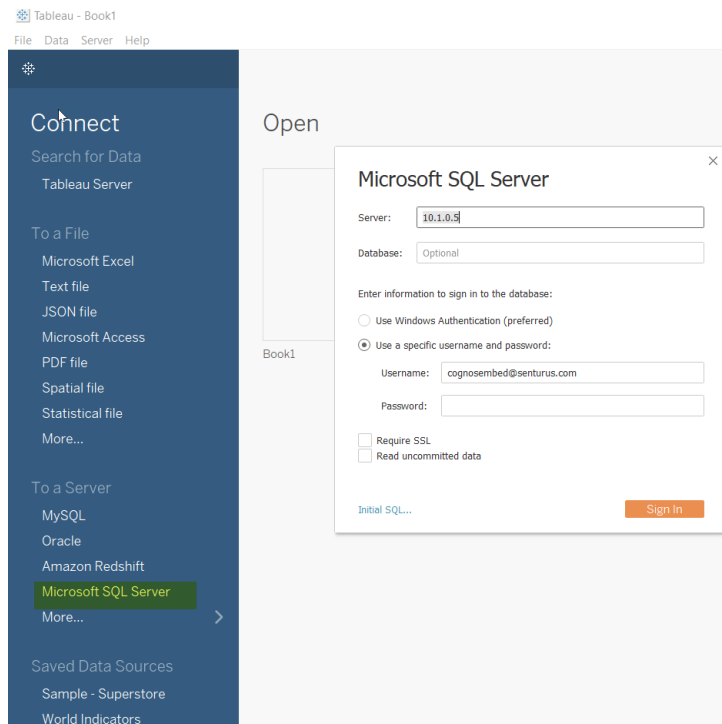
- Extract simple list reports to CSV format.
- Download
- Import into Tableau/Power BI.

Leverage Cognos produced SQL

- Use an existing Cognos List Report that is sourced from a database.
- Copy/edit the produced SQL.
- Paste into Tableau/Power BI as a data source.

The Senturus Analytics Connector

Visual analytics users can connect directly to the Cognos application layers, giving them instant access to high quality data.



Wrap-Up

- Those organizations with legacy Cognos implementations can still leverage existing Cognos metadata to quickly deploy Tableau and Power BI models.
- The Senturus Analytics Connector can help speed up the deployment of these tools and still leverage governed metadata.

Learn more about the Senturus Analytics Connector



[Read an overview](#)

[View demo for Power BI](#)

[View demo for Tableau](#)

Additional resources

Unbiased product reviews



Technical tips



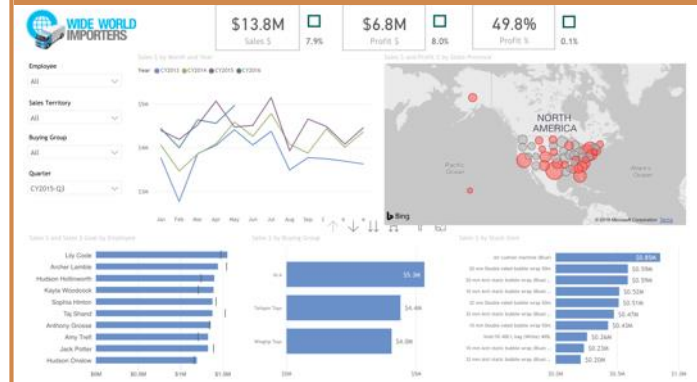
Insider viewpoints



More on this subject



Product demos



Upcoming events



Upcoming events

Power BI Gateway: Understanding, Installing, Configuring

Thursday, Apr 28, 2022, 11am PT/2pm ET

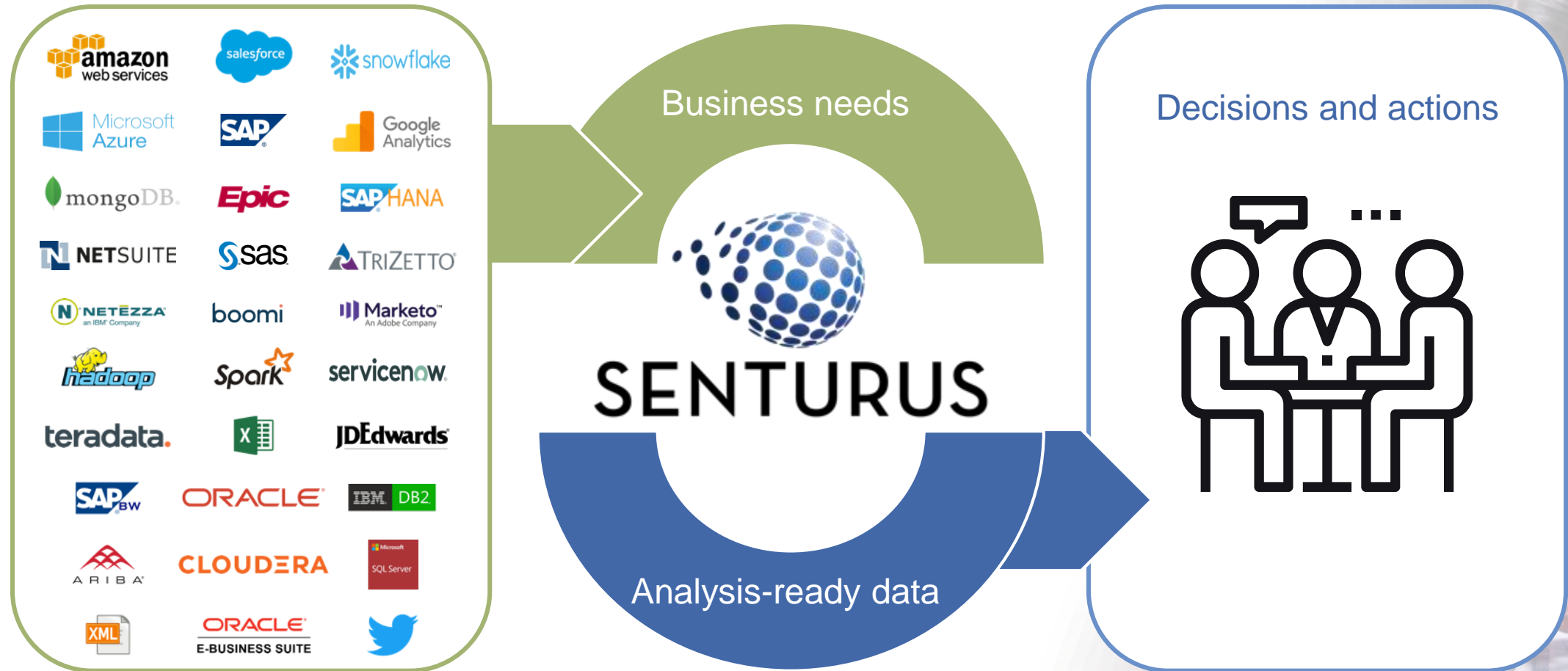
<https://senturus.com/events/power-bi-gateway-understanding-installing-configuring/>

Cognos Analytics Performance Tuning

Thursday, May 12, 2022, 11am PT/2pm ET

<https://senturus.com/events/cognos-analytics-performance-tuning/>

Modern BI: accelerated & accessible



A long, strong history of success

21+ years

1350+ clients

3000+ projects



Join the Senturus team

We're hiring talented and experienced professionals

- Senior Microsoft BI Consultant
- Senior Data Warehouse/Cognos BI Consultant

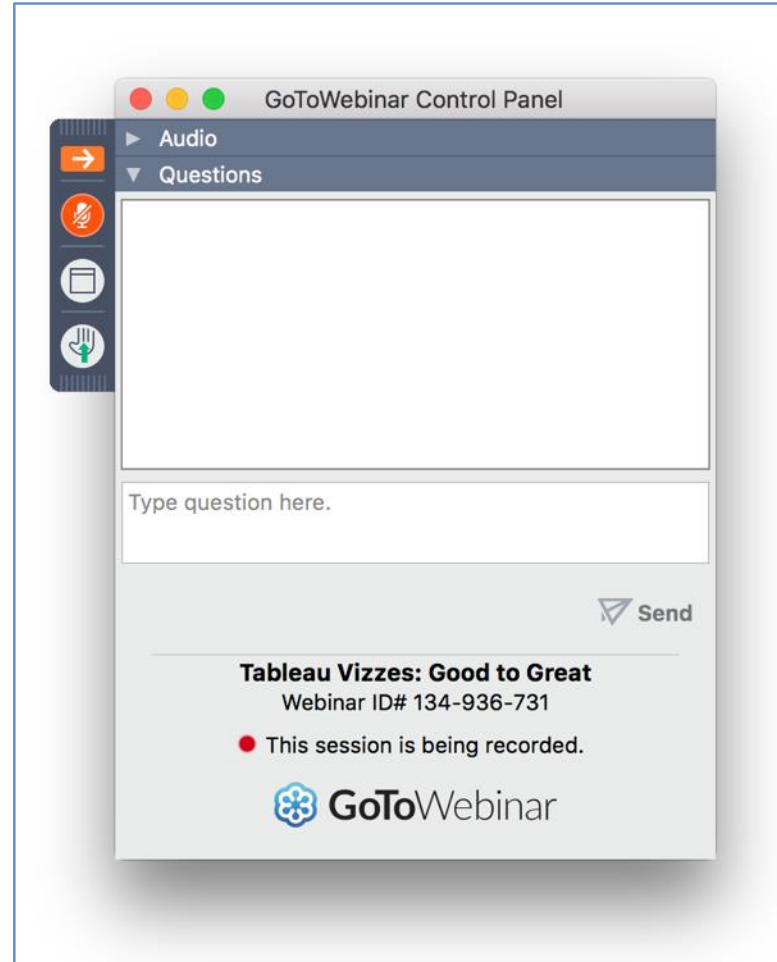
See job descriptions: <https://Senturus.com/why-Senturus/careers/>
Send your resume to: jobs@Senturus.com

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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