Power BI: Data Cleansing & Power Query Editor

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Tableau Vizzes: Good to Great
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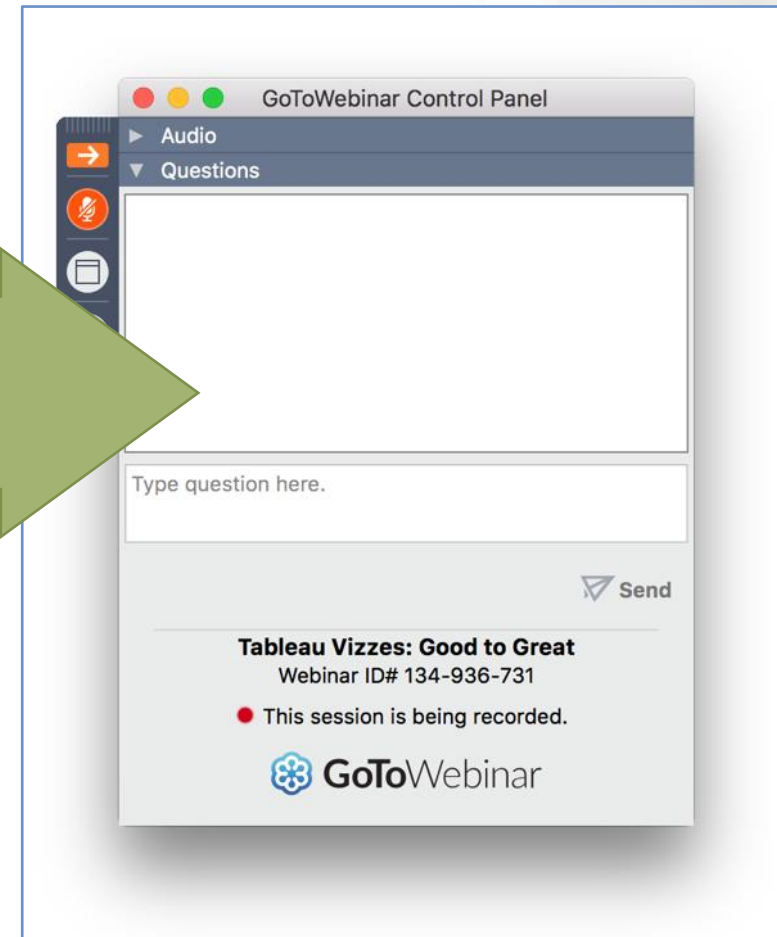
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Agenda

Introductions

The importance of clean data

Leveraging Power Query Editor

Demos

Senturus overview

Additional resources

Q&A

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Introductions

Patrick Powers

Data Scientist, Consultant and Trainer
Senturus, Inc.

Michael Weinhauer

Director
Senturus, Inc.

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Poll #1

How are you cleansing and transforming your data now?

- Conventional ETL tool (e.g. SSIS/Data Factory/Informatica)

- Self-service tool (e.g. Power Query Editor/Alteryx)

- Excel

- Programming language (e.g. Python)

- Other/none

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Why do you need to prepare data?

Why do you need to prepare data?

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Good data vs. bad data

- Accurate

- Up-to-date

- Informational

Data issues - examples

- Data is in the wrong format

- Data comes from multiple sources

- Data is at different granularity

- Data is not "analysis friendly"

- Outliers and data "mistakes"

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Leveraging PQE

- Power BI provides a built-in solution for data prep needs

- In addition to basic functions, PQE provides users with the ability to leverage M

- M allows users to create complex, advanced scripts to ensure data is properly configured for analysis

Power BI demo

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Demos

Basic transformations

- General cleansing
- Removing null values
- Removing columns
- Unpivoting data
- Add custom columns
- Merging queries

Using M

- Working with an M script

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April 13, May 25, June 29

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https://senturus.com/training/course-schedule/transforming-data-with-power-bi/

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Bridging the gap

Business needs

Analysis-ready data

Decisions and actions
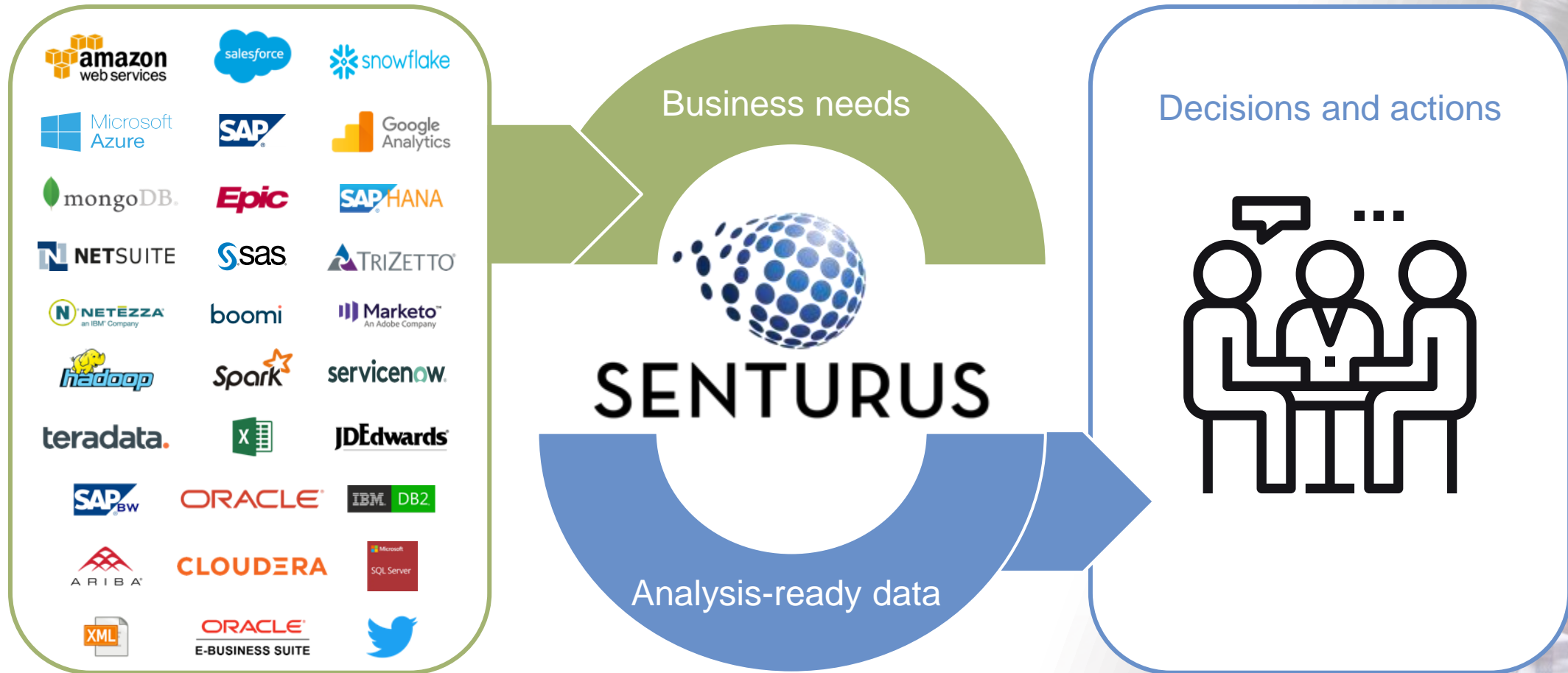
Full spectrum BI services

- Dashboards, reporting and visualizations

- Data preparation and modern data warehousing

- Hybrid BI environments (migrations, security, etc.)

- Software to enable bimodal BI and platform migrations

- BI support retainer (expertise on demand)

- Training and mentoring

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Upcoming event

6 Ways to Publish & Share Tableau Dashboards

How-to demo and discussion of pros, cons and considerations

Thursday, Apr. 15, 2021, 11am PT/2pm ET

Power BI Paginated Reports

Thursday, May 13, 2021, 11am PT/2pm ET
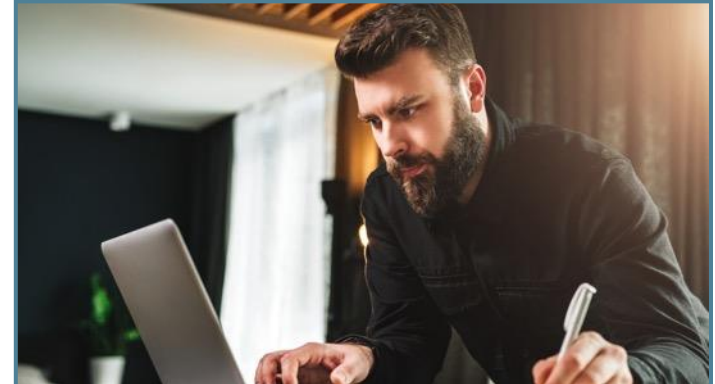
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Complete BI training

Power BI

tableau

IBM
Cognos
Analytics

Tailored group sessions

Mentoring

Instructor-led online courses

Self-paced learning

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Additional resources
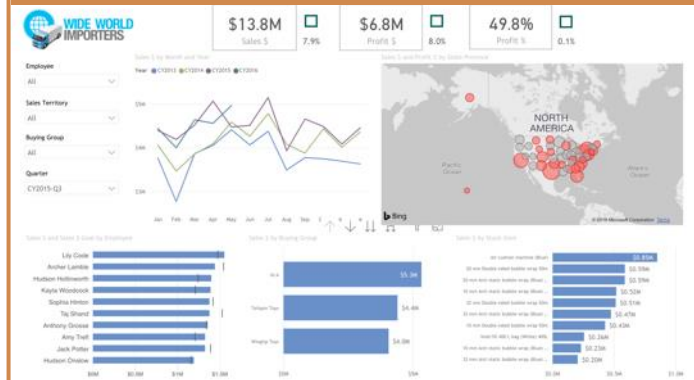
Unbiased product reviews

Technical tips

Insider viewpoints

More on this subject

Product demos

Upcoming events

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More on this topic

Four Ways to Model Data in Power BI
Source and prepare your data for Power BI
https://senturus.com/resources/power-bi-modeling-use-cases-desktop-to-enterprise/
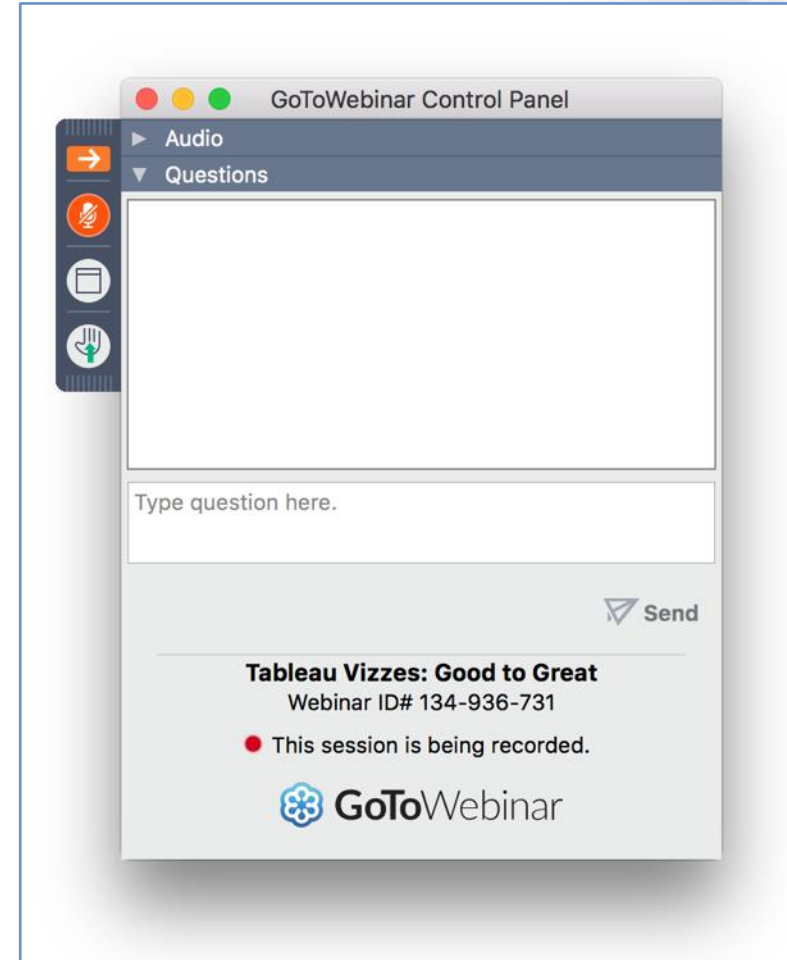
Q & A

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.

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Thank You