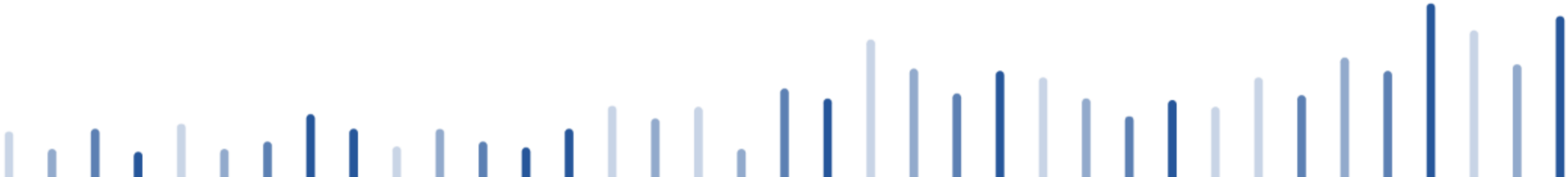
Leading the Way

A guided eLearning Journey

Advanced

Part 2: Leveling Up with Advanced LOD Calculations

June 11, 2020



Welcome

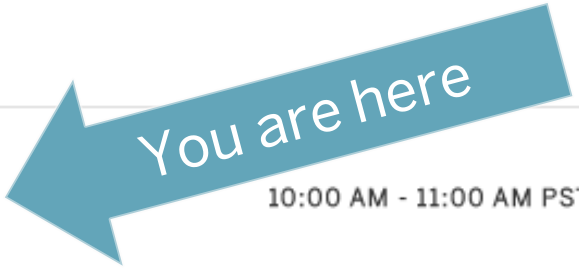
Scott Smith
Sen. Solution Engineer

Larry Clark
Master Solution Engineer

tableau

Advanced Series Schedule

TITLE	TIME	
June 4, 2020: Intro to Advanced eLearning: Turning the Tables with Advanced Calculations and Set Actions	10:00 AM - 11:00 AM PST	REGISTER
June 11, 2020: Leveling Up with Advanced LOD Calculations	10:00 AM - 11:00 AM PST	REGISTER
June 18, 2020: Introduction to Time Analysis	10:00 AM - 11:00 AM PST	REGISTER
June 25, 2020: Map This!	10:00 AM - 11:00 AM PST	REGISTER
July 1, 2020: Dashboard Makeover	10:00 AM - 11:00 AM PST	REGISTER



Agenda

• eLearning Review	5 min
• LOD Calculations	30 min
• Relationships	10 min
• Q&A	10 min

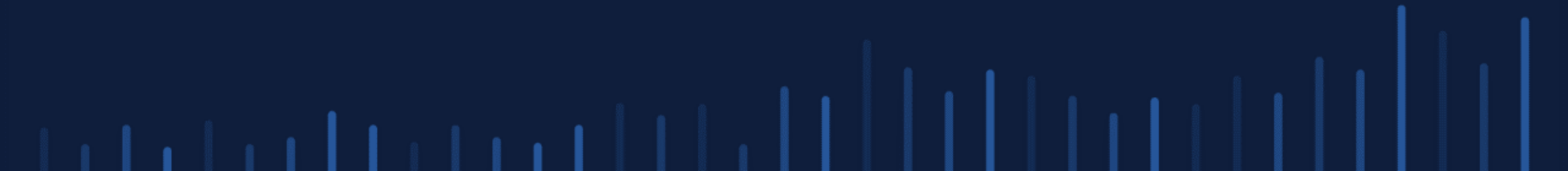
eLearning review

Modules/Topics completed this week

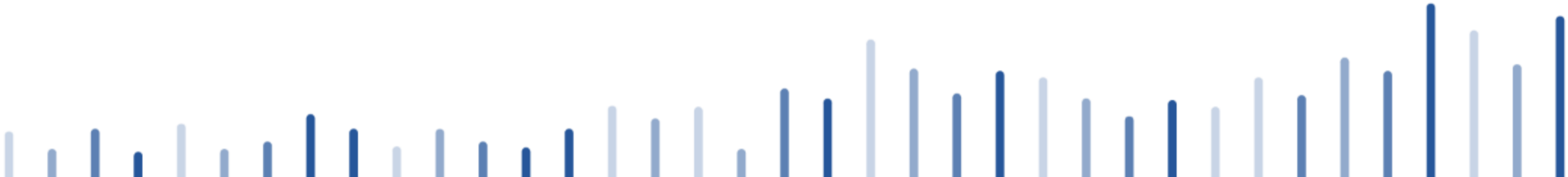
- Desktop III Advanced

- Level of Detail Expressions: Fixed
- Level of Detail Expressions: Include
- Level of Detail Expressions: Exclude

Let's Get Started!

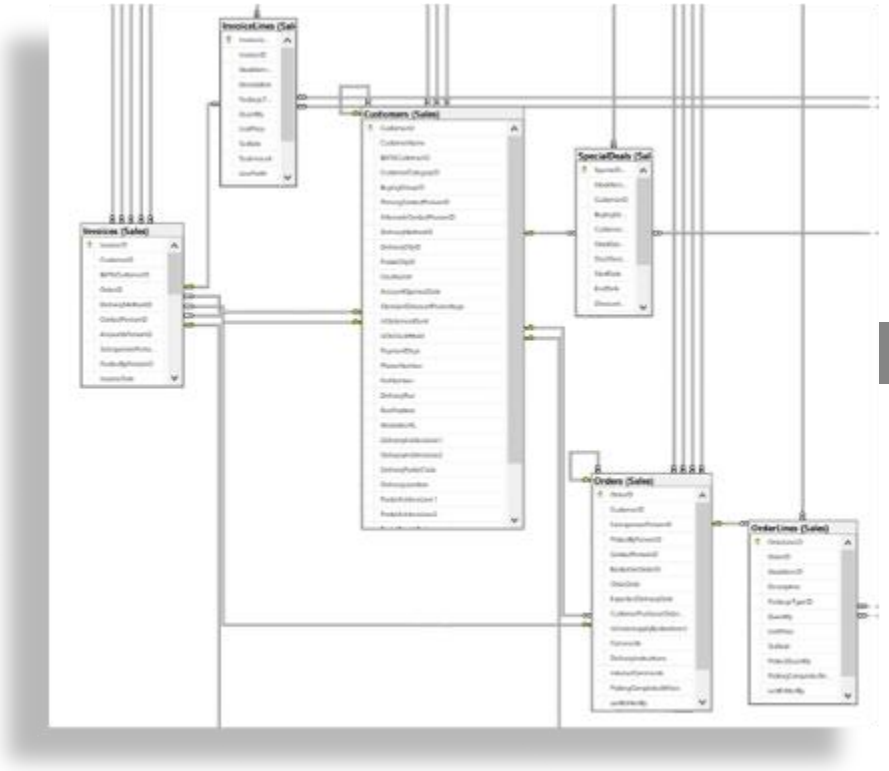


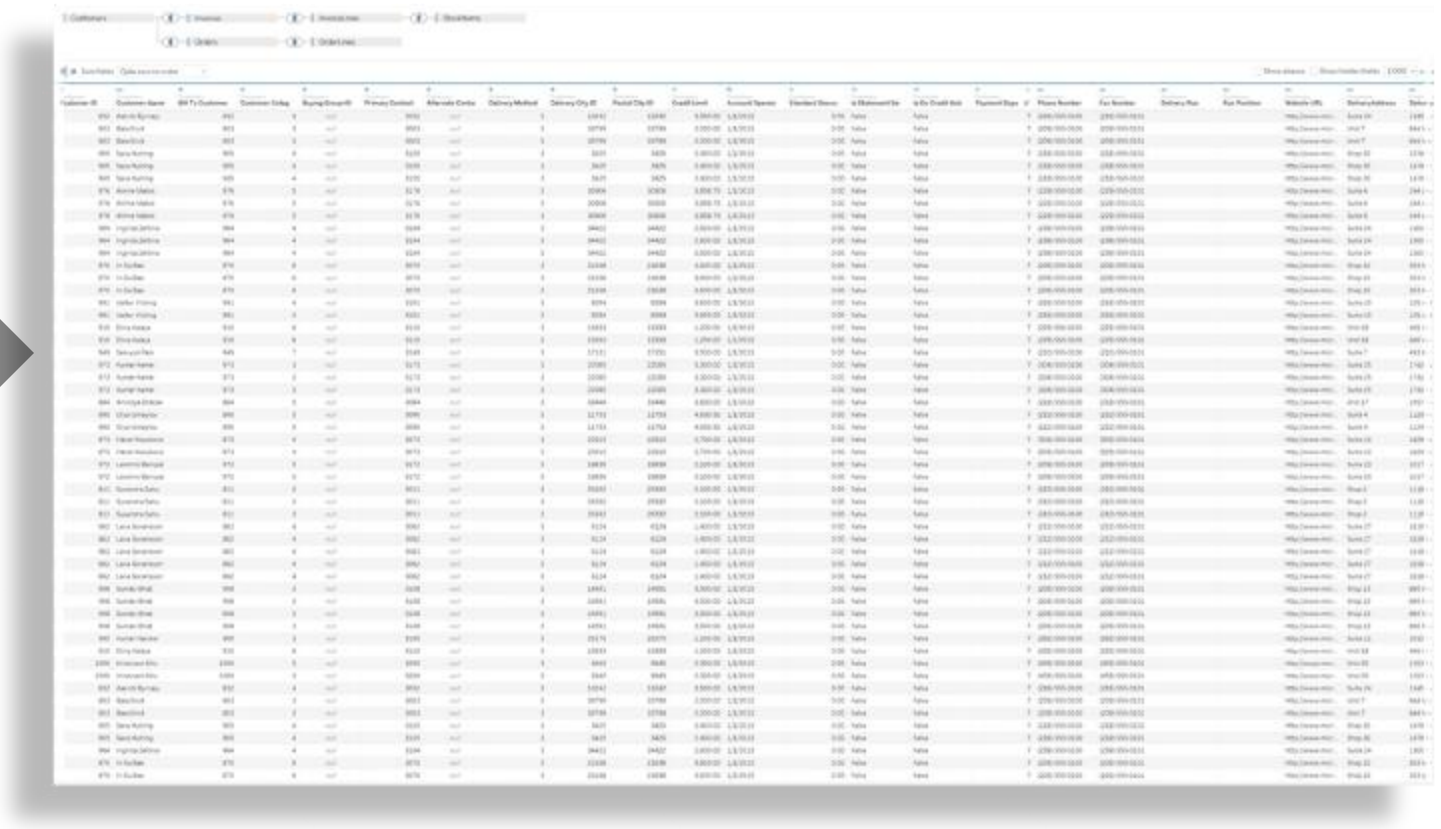
Relationships – new in 2020.2



Why Relationships?

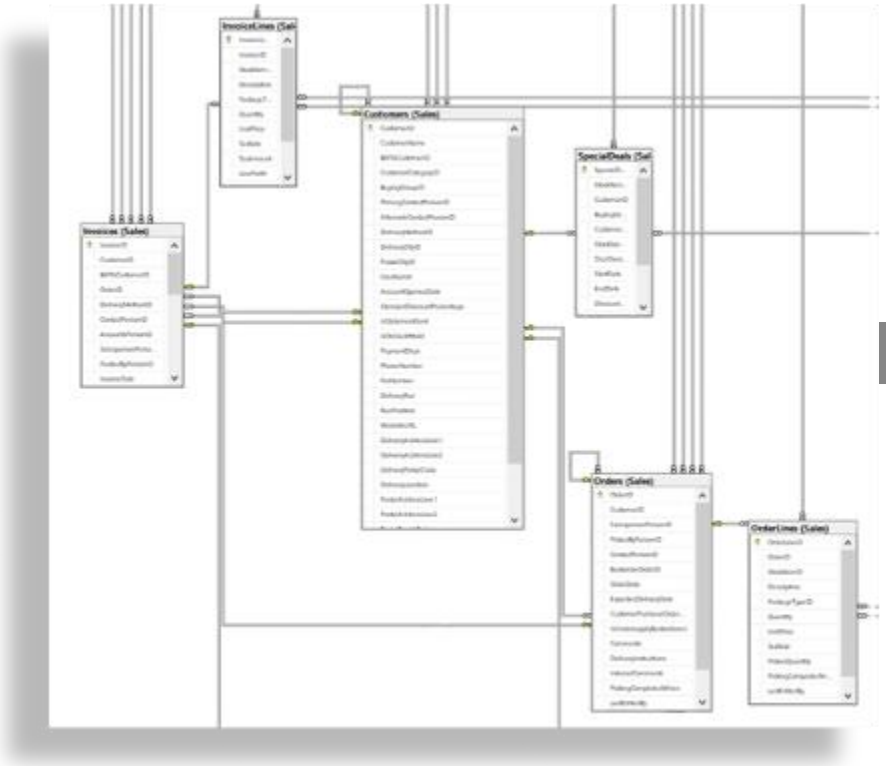
Prior versions of Tableau de-normalize (or “flatten”) data for internal storage

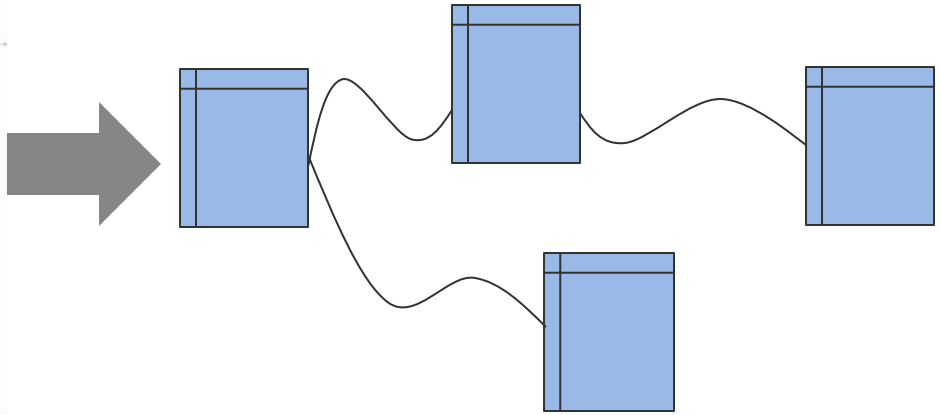


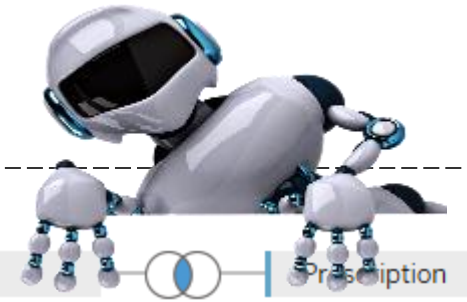


Relationships

Tableau 2020.2+ maintain data source relational structure

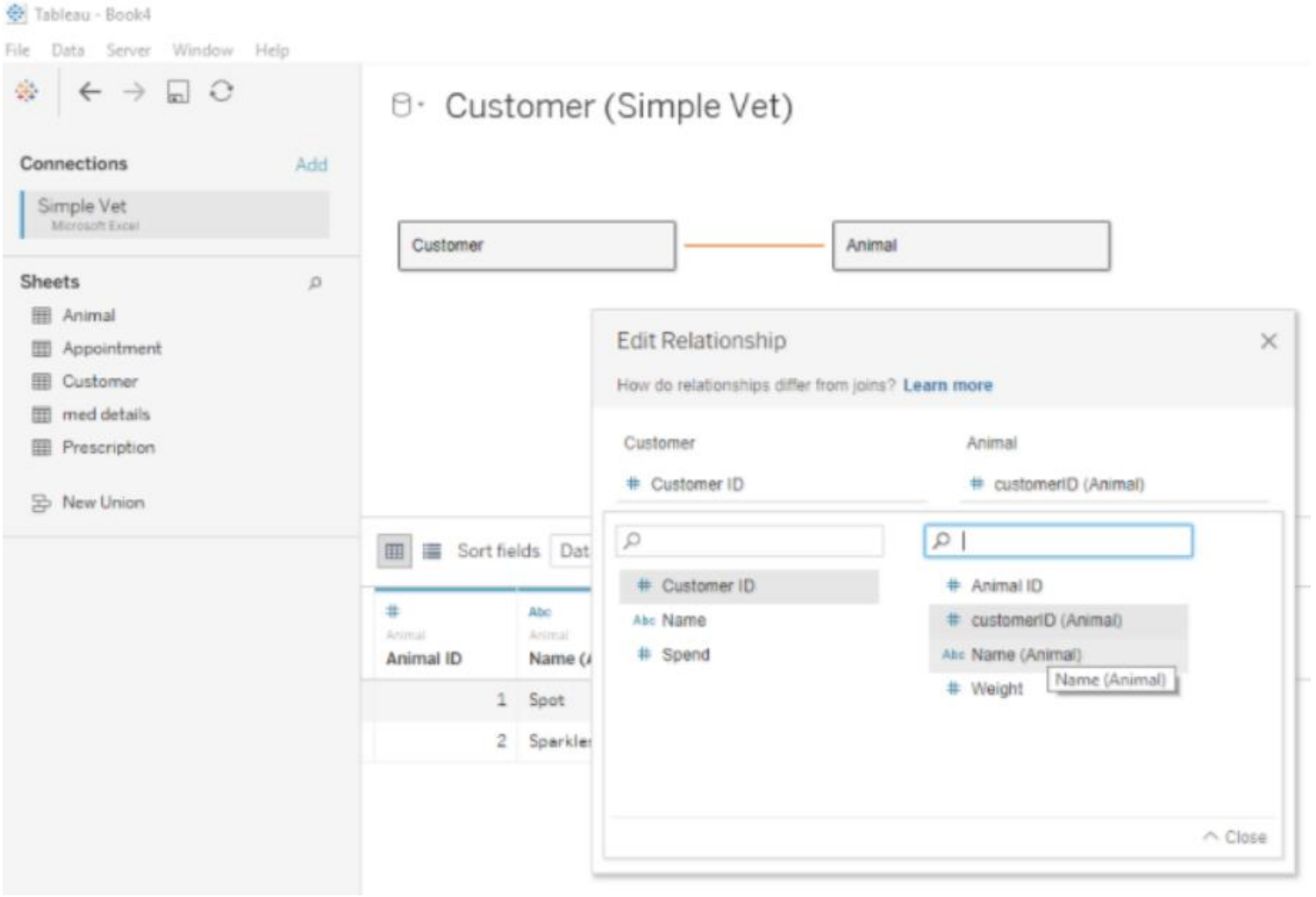




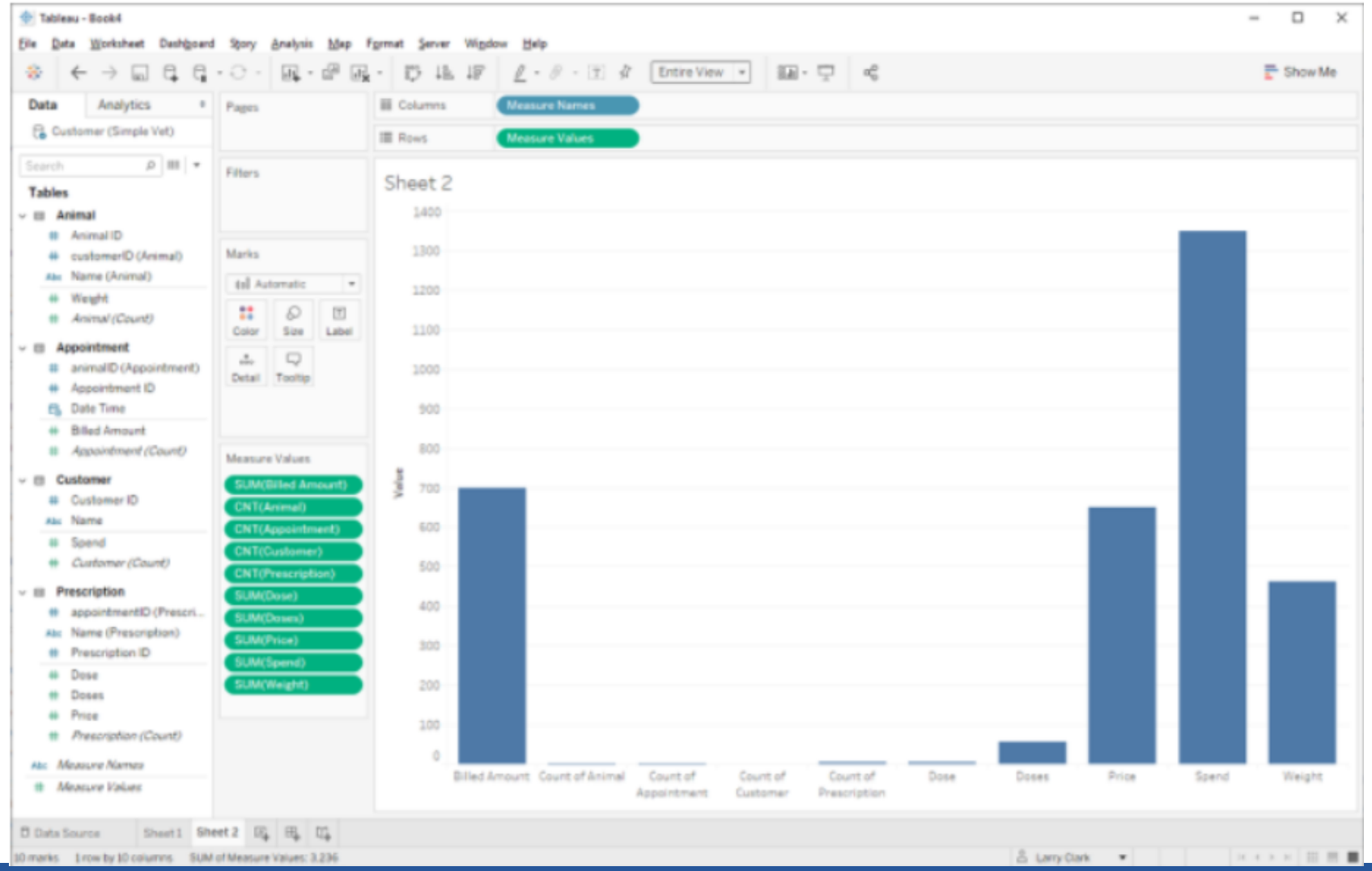


Customer — Animal — Appointment — Prescription

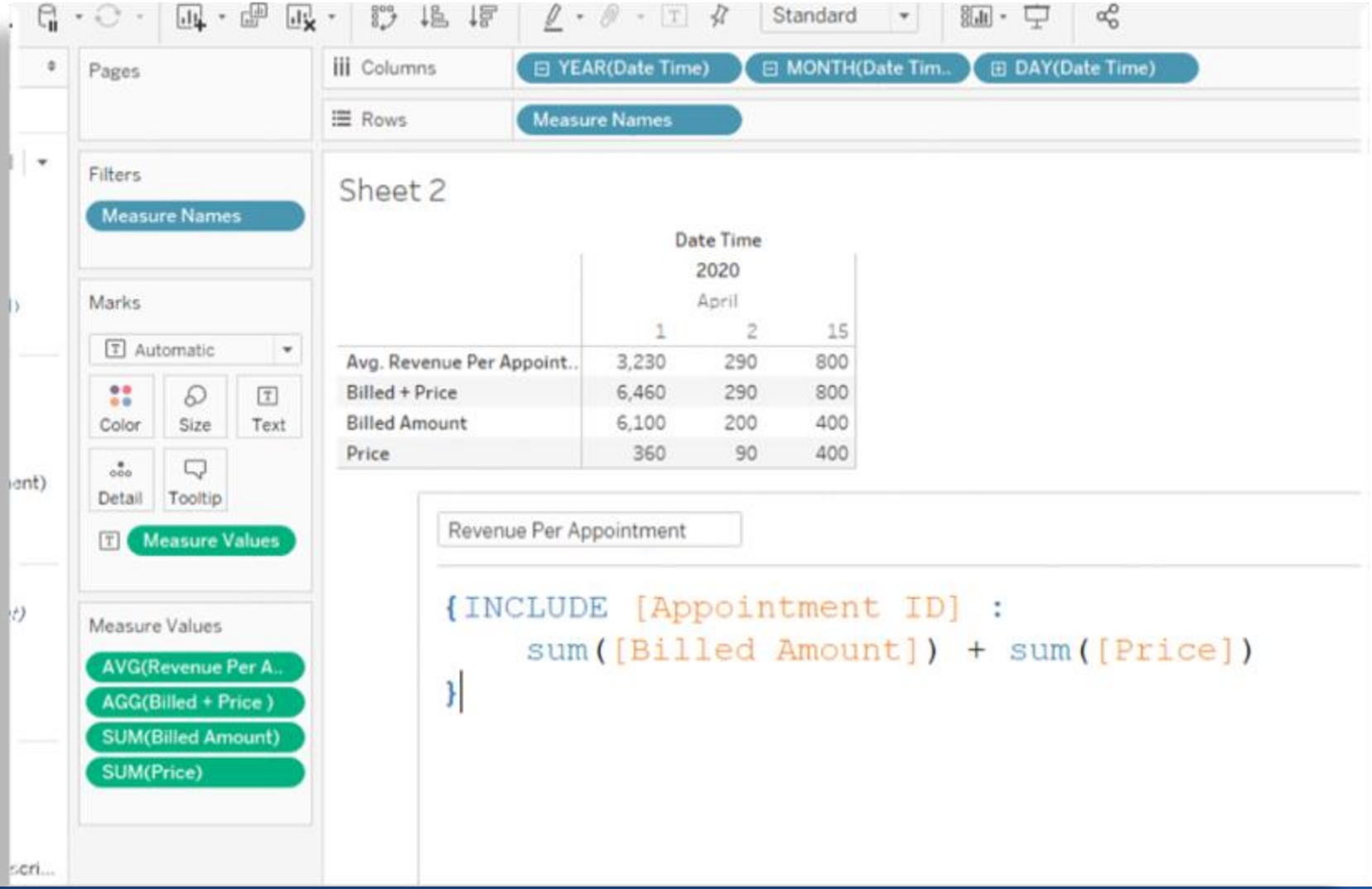
Using Relationships



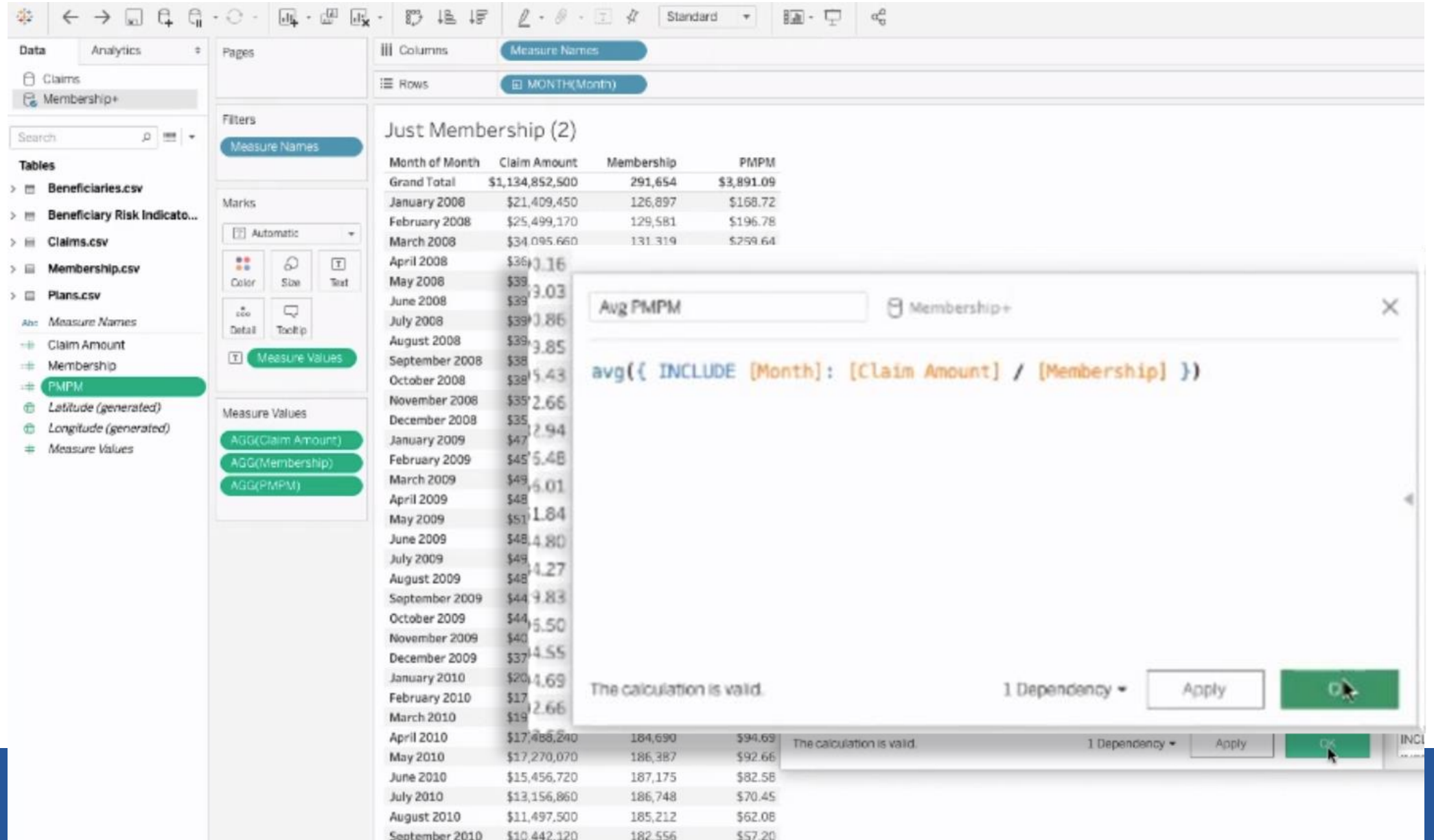
No LODs required - it just works!



LODs with Relationships



Example: Per Member Per Month calc



Relationship Resources

What's Changed with Data Sources and Analysis in 2020.2

Now available in Tableau: Relationships, Metrics, powerful analytics enhancements, and more

Relationships, part 1: Introducing new data modeling in Tableau

How Relationships Differ from Joins

For next week

- Part 3: Introduction to Time Analysis
- June 18, 2020

eLearning Modules/Topics

- Time-Based Data: Analyze with Sparklines
- Time-Based Data: Analyze with Slope Charts
- Time-Based Data: Analyze with Control Charts

Join the Conversation Online: Tableau Communities

500+
User Groups

150,000+
Online Community Members

"One of the finer things about the Tableau Community is its authenticity, trust, and knowledge."

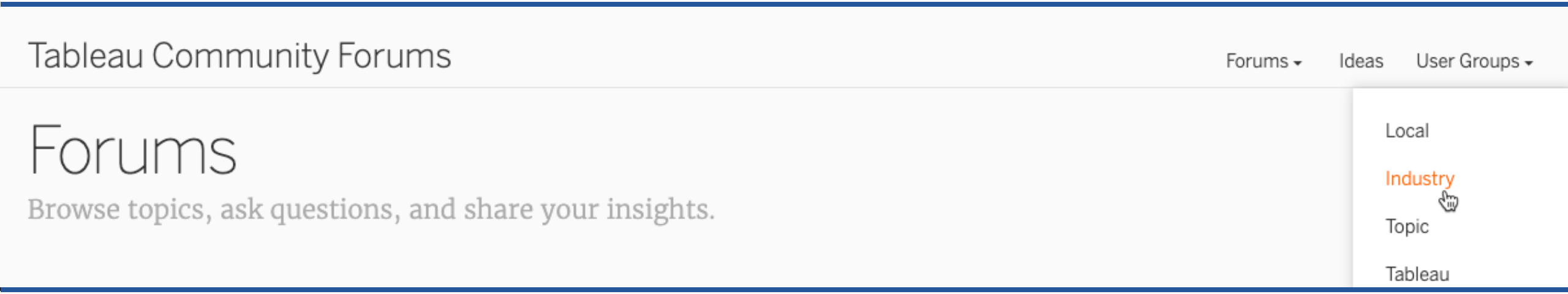
"The point of where I'm at and where I'm going, it's all thanks to the community, and people believing in and supporting me."

"I definitely would not have my career to where it is or the success I've had with Tableau without the community."

tableau

Join an Industry Community to connect with peers and problem solve together.

community.tableau.com



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Retail & Consumer Goods
Financial Services
Insurance
Telecom
Travel & Hospitality
Transportation and Logistics
Energy

Q&A

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