



CLOUD ANALYTICS CONFERENCE

LONDON



[@SnowflakeDB](https://twitter.com/SnowflakeDB) [#CloudAnalytics17](https://twitter.com/CloudAnalytics17)

This Afternoon....

- 5 Ways to Enable BI in the Cloud – (High level summary)
- Optimizing Your Analytics with Tableau and Snowflake – (Detailed BI content)
- Utilizing Snowflake's Architecture to Support BI – (Detailed Snowflake content)
- Start Ending Your Data Struggle (30 Day Guide)



Utilizing Snowflake's Architecture to Support BI

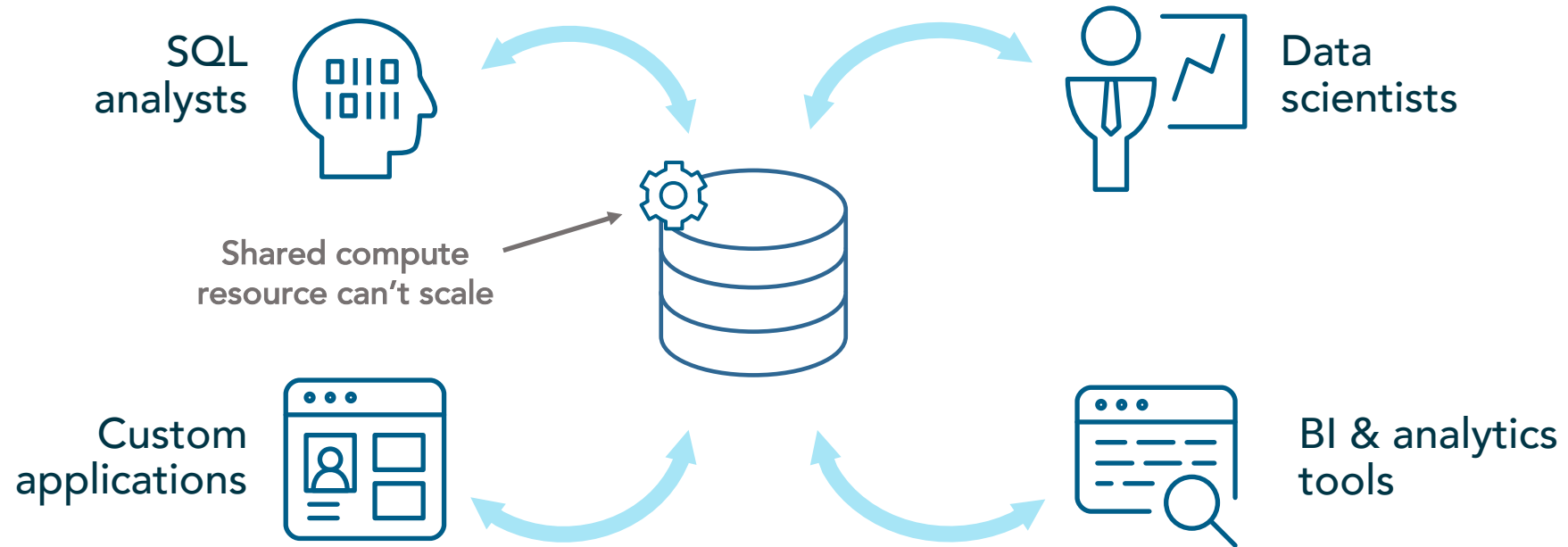
Todd Beauchene



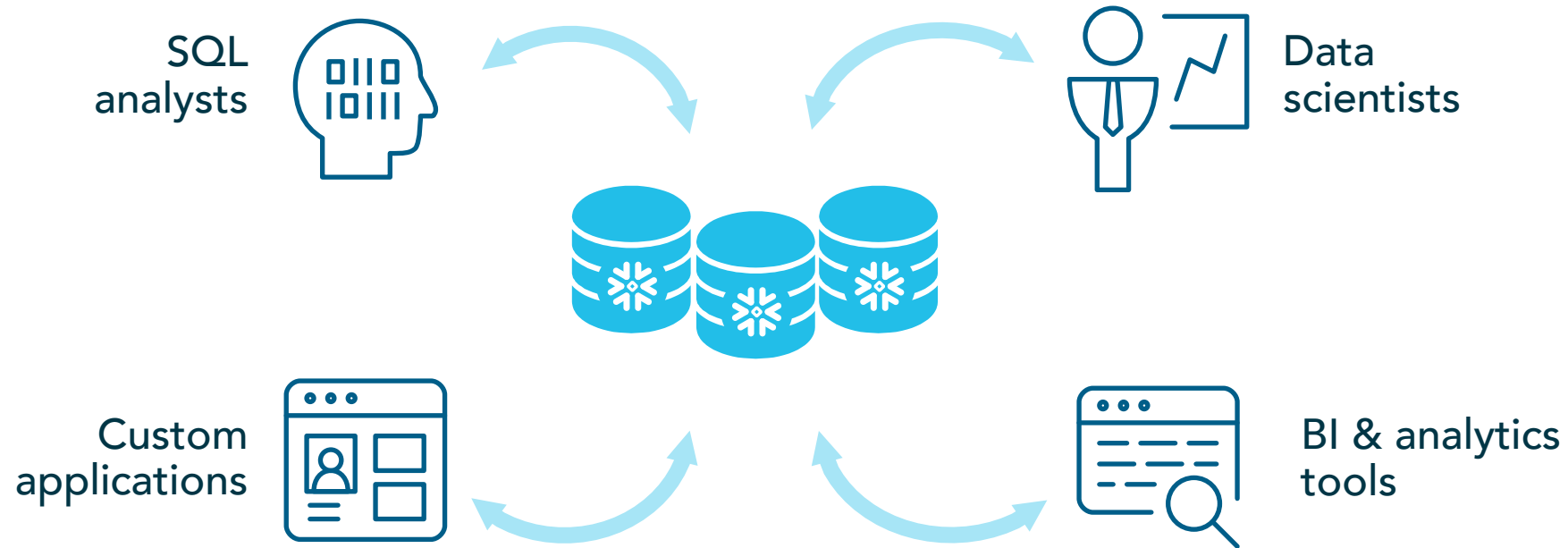
How to address common BI roadblocks with Snowflake

- **Concurrency**
 - Create a multi-cluster warehouse
- **Scalability**
 - Enable autoscaling
- **Secure and flexible access to data**
 - Learn where to use views and tables
- **Working with semi-structured data**
 - Loading semi-structured data

1. Concurrency



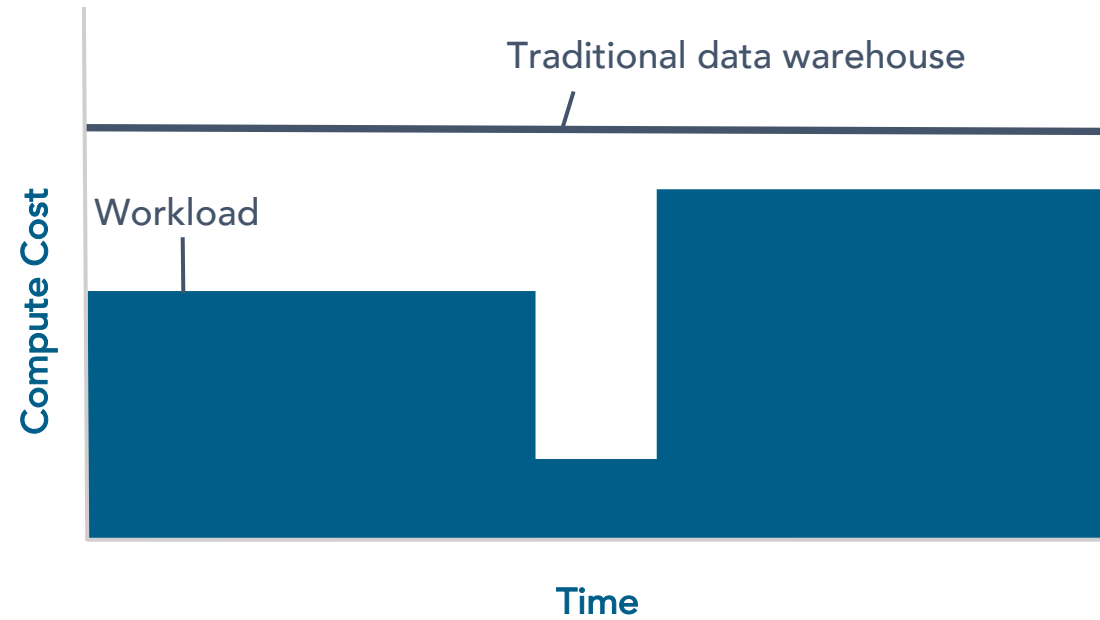
1. Enable a Multi-Cluster Warehouse



Demo!



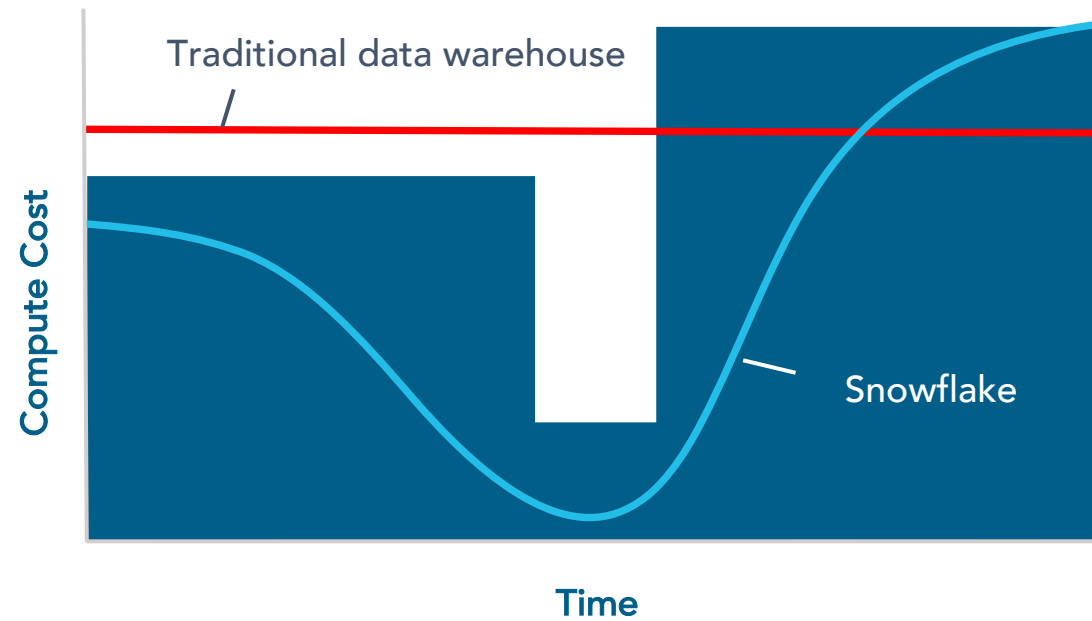
2. Scalability



2. Scalability



2. Use auto-scaling with Snowflake



Demo!



3. Secure and flexible access to data

- Database only available at certain times by certain people
- Difficult to permission and secure tables in a flexible way
- Difficult to know who is doing what and where

3. Using roles, views and tables to your advantage

- Multiple people can use the database at the same time
 - Just make sure to set your permission in a way that makes sense
- Use views and tables in different ways
 - Give a user access to a view and not to a table (enabling hidden columns, rows, obfuscate data for roles)
- Keep track of activity with history

Demo!



4. Semi-structured data

- Semi-structured data often leads to silos

4. Load semi-structured data in Snowflake

- Instead, load semi-structured data natively in Snowflake

Demo!



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