

## Power BI Performance Tuning

A one day workshop presented by Slalom

# Get the balance right: performance and cost

### About the workshop

This professional service offering provides guidance and best practices for optimizing Power BI performance. It is particularly helpful for use cases involving Direct Query with cloud-based data warehouse products (e.g., Snowflake, Azure SQL Data Warehouse) and legacy data warehouse appliances (e.g., Teradata, Netezza).

### Desired outcomes

In addition to providing instruction, an objective of this workshop is to learn specifics of your analytics platform. We will assist you to diagnose bottlenecks and inefficiencies -- and deliver recommendations to achieve a highly performant Power BI solution. Partner with Slalom to meet your business objectives.

### \$4,000

Price is per workshop. Learn more by connecting with your local contact at Slalom or Erik Johnson ([erikj@slalom.com](mailto:erikj@slalom.com))

### Agenda

Establishing performance benchmarks

Leveraging telemetry

Power BI Premium vs Pro

Architecture and configuration

- Remember storage is cheap, compute is expensive. In any analytics platform it is important not to pay for compute twice
- Design principles
- When to use import vs Direct Query vs Live Connect
- Composite models: DQ + Import
- Identifying network constraints
- Utilizing resources to optimum potential
- Optimizing data loading and refresh

Desktop

- Avoiding memory and CPU spikes
- Eliminate inappropriate use of visuals that generate large amounts of source data queries
- Modeling
- DAX
- M (mashup queries)

Determining capacity requirements and roadmap

Deployment

Trouble shooting and debugging

