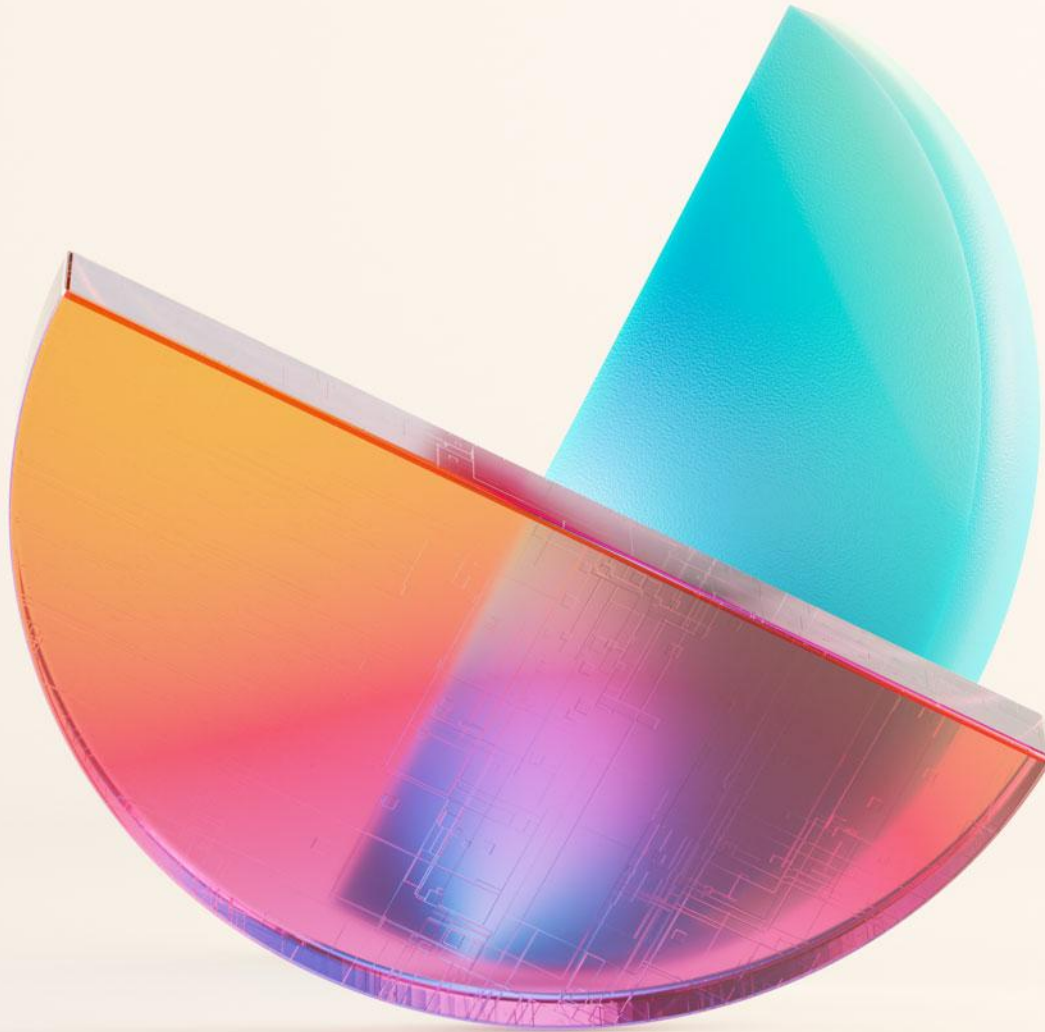




Microsoft Fabric Community Conference



Spark Data Engineering for SQL Server Professionals

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Background

I've helped a lot of customers adopt cloud analytics

Picking a Data Engineering tool is hard

Spark sounds really great, but...

- Can my people learn it?
- Can I find developers and consultants who know it?
- Will the solutions they build be maintainable over the long term?
- My team knows T-SQL, are those skills relevant in Spark?

If you

Think about data transformation in terms of declarative, set-based operations

Like learning about how your database engine actually works

Know what a CTE is and why they are a hallmark of well-written SQL

Can read an execution plan and see why an operation took the time it did

Know when to use views, temp tables, and scalar-valued UDFs and when not to

Can solve gnarly problems in SQL, but normally choose to use the right tool for the job

You'll like Spark.

Learning Objectives

- Learn just enough about Spark to start building ETL solutions with Spark SQL
- Map SQL Server ETL patterns to Spark

Demo

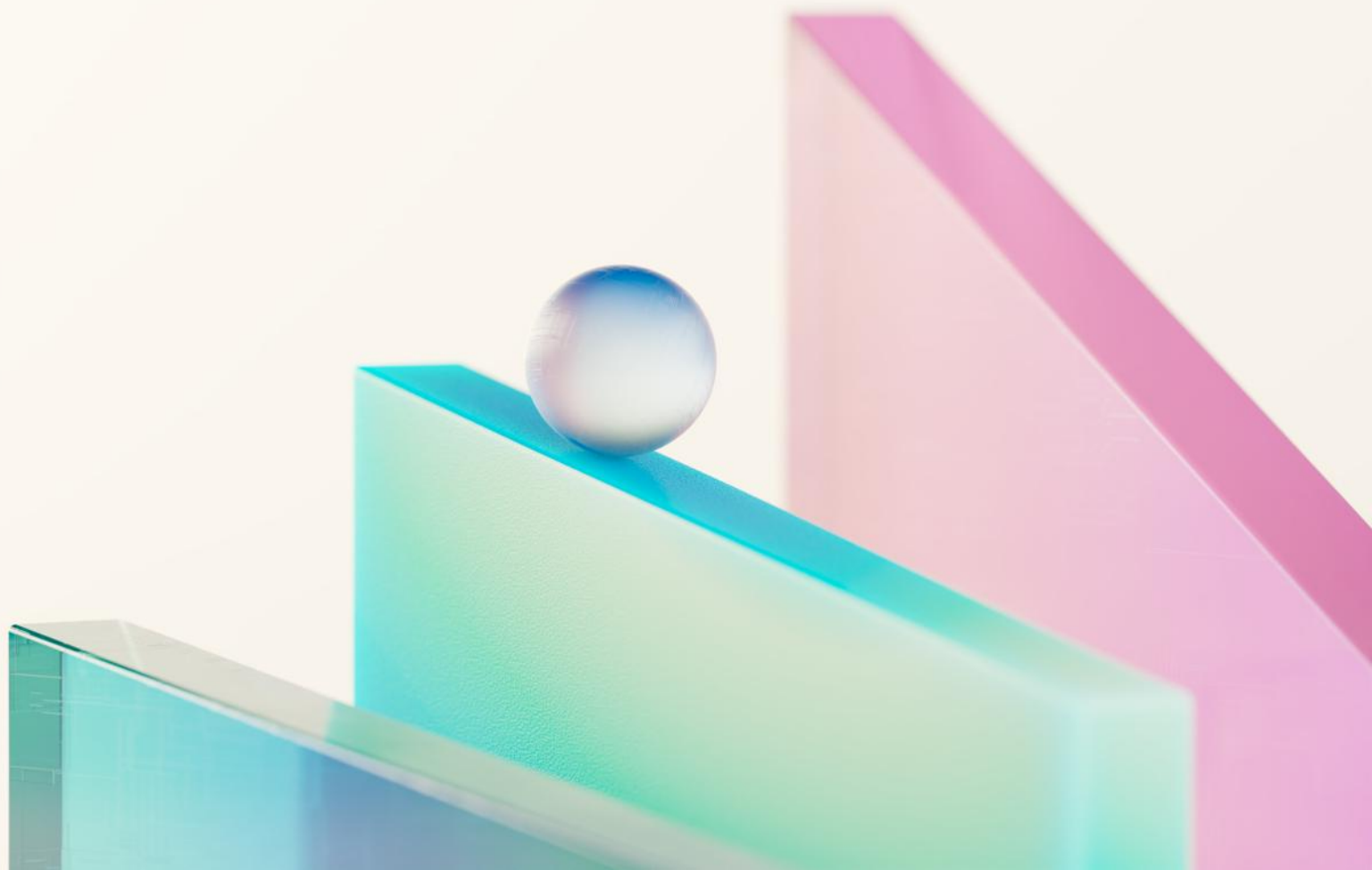


[Presentation.ipynb](#)

<https://github.com/dbrownems>



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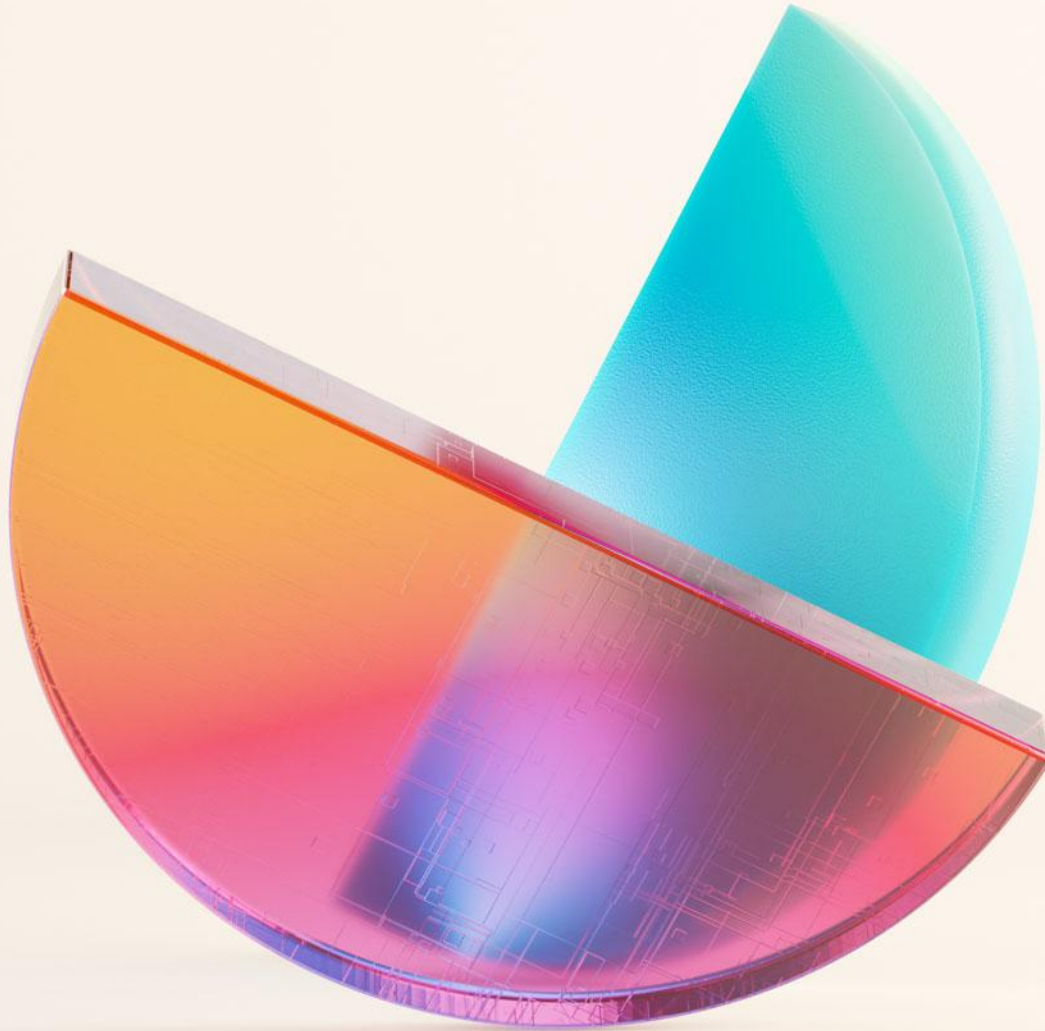
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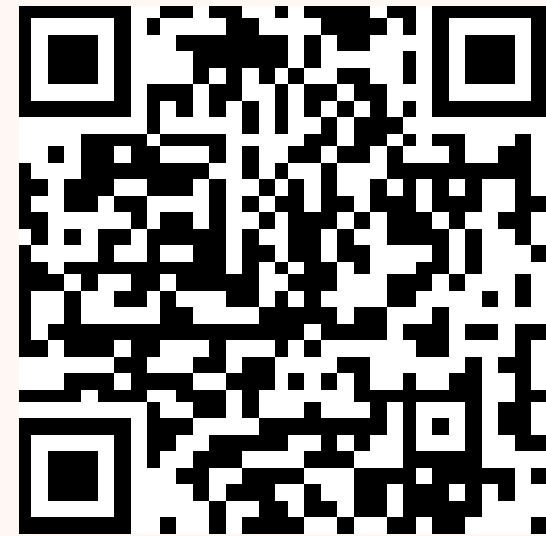
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