



Microsoft Fabric for SQL Developers

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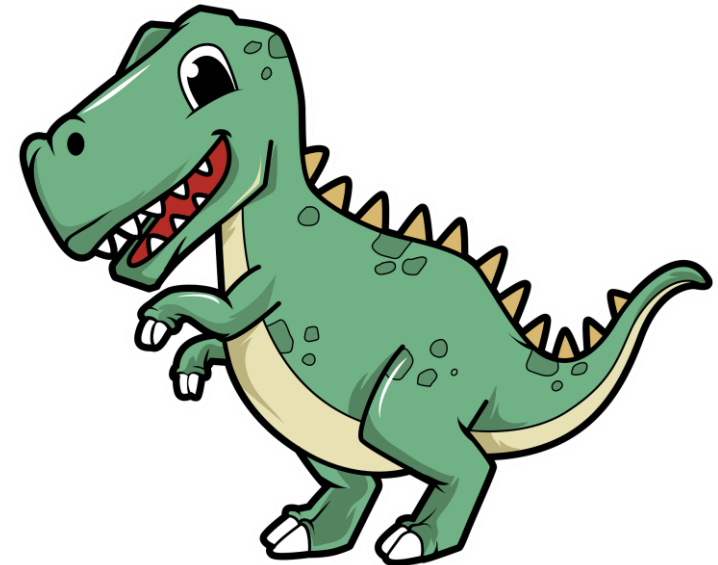


- Member of Fabric CAT team
- 20+ years of experience with data
- Ex-MVP (SQL Server, Data Platform)
- Founder of Data Community Poland
- Thinking in SQL!

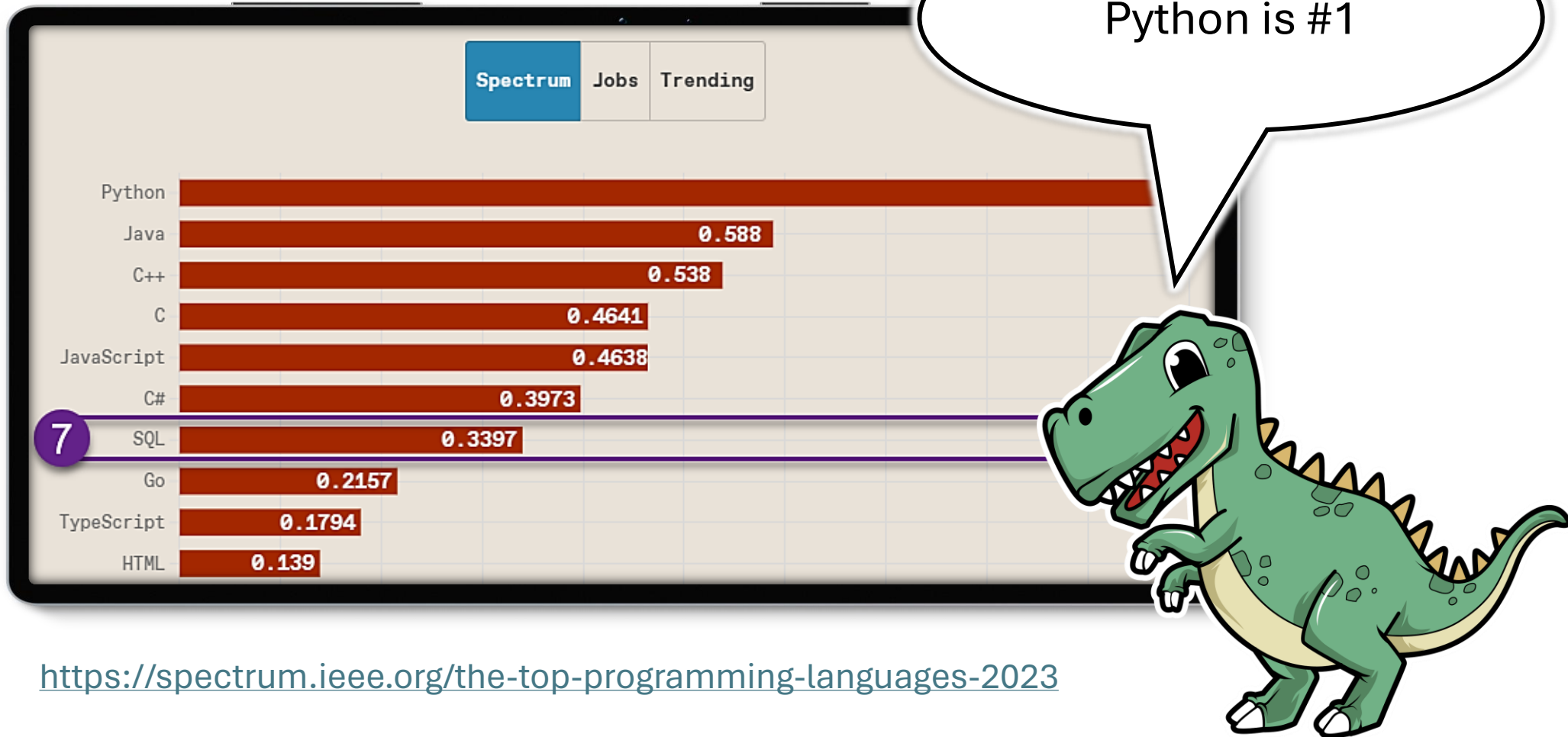
Agenda

- Why care about SQL?
- **Working with SQL in Microsoft Fabric (DEMO)**
- Summary, next steps and resources

Hello Fabricators!
I'm T-SQL-Rex.

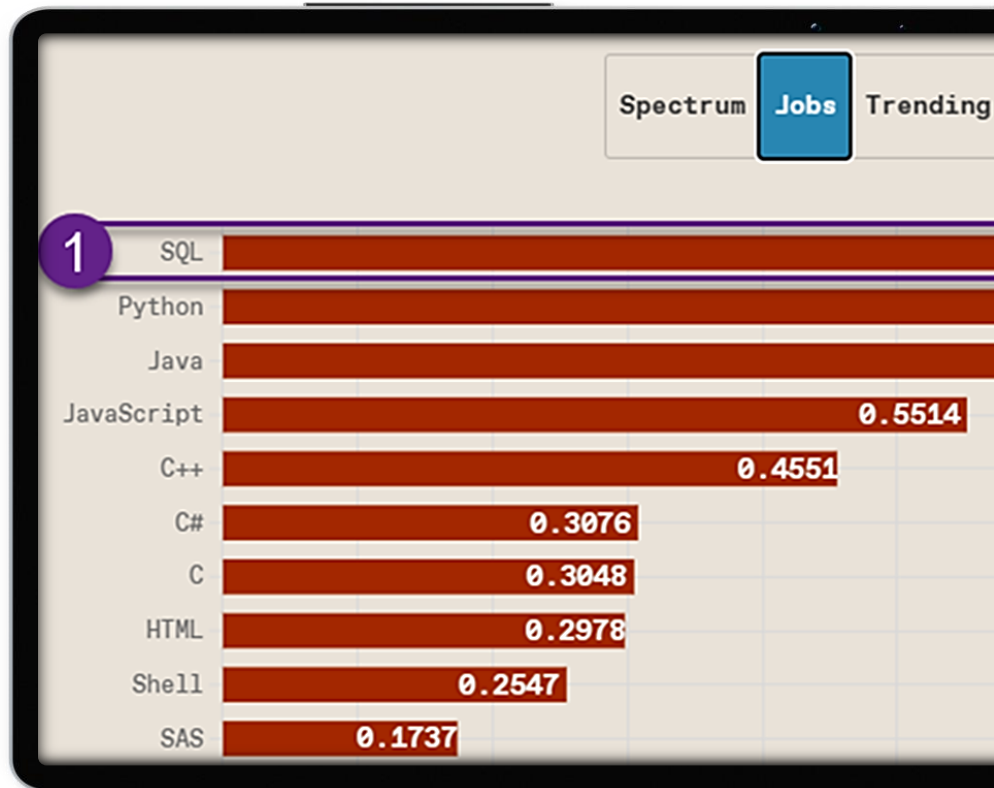


Why care about SQL?

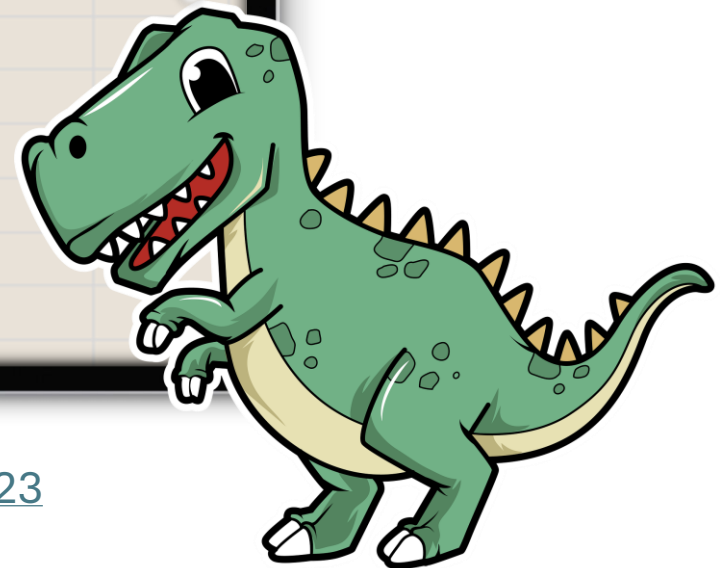


<https://spectrum.ieee.org/the-top-programming-languages-2023>

Why care about SQL?

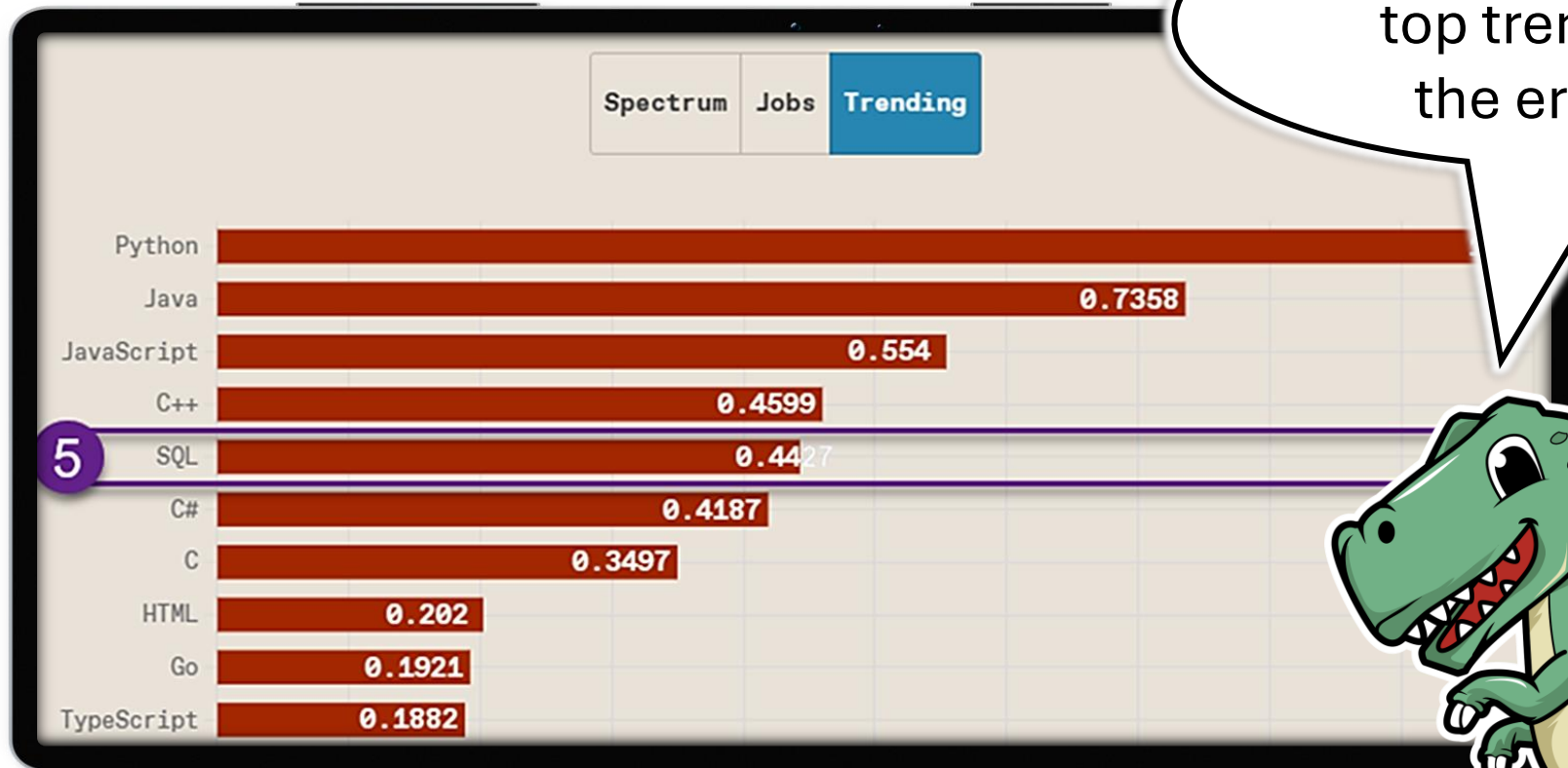


Most jobs =
SQL + another language

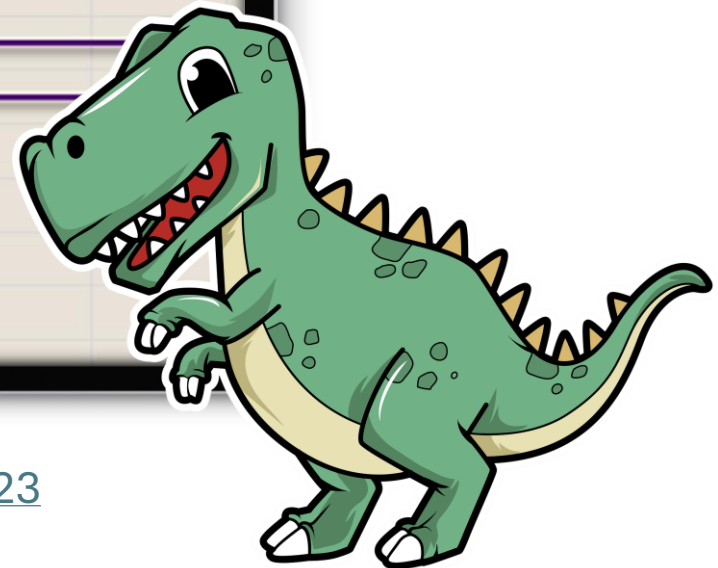


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Why care about SQL?

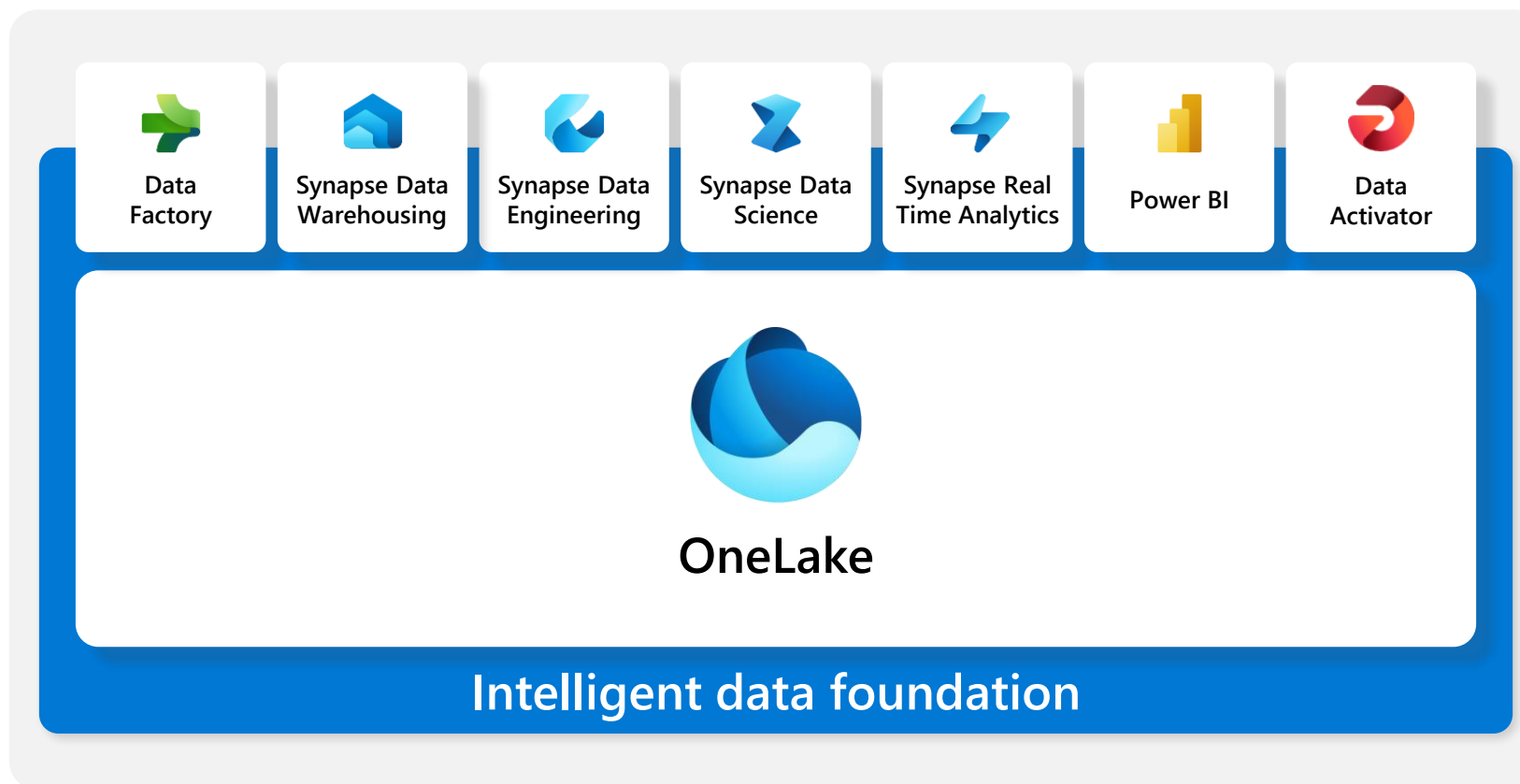


Python is #1 again,
top trending in
the era of AI

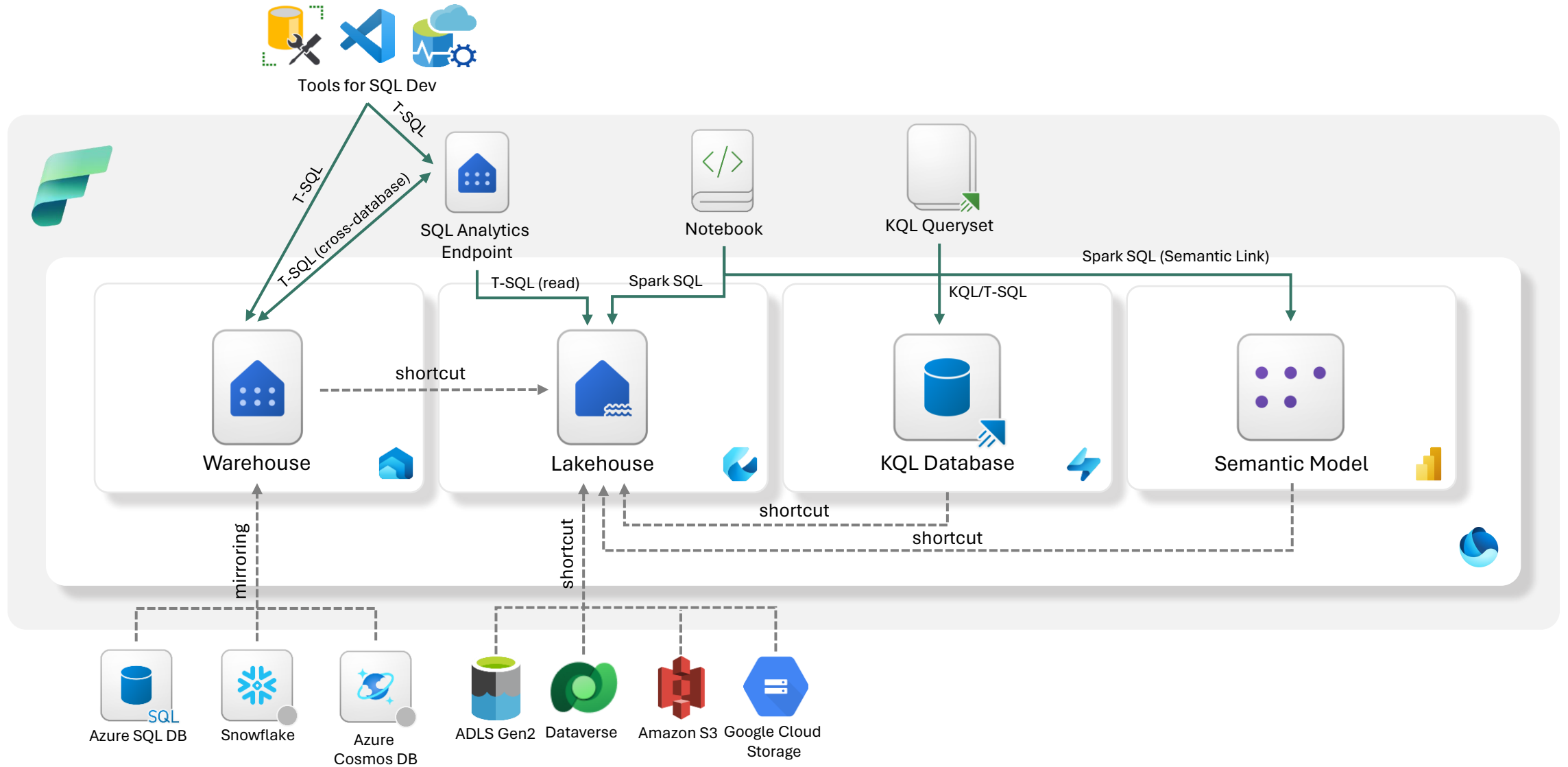


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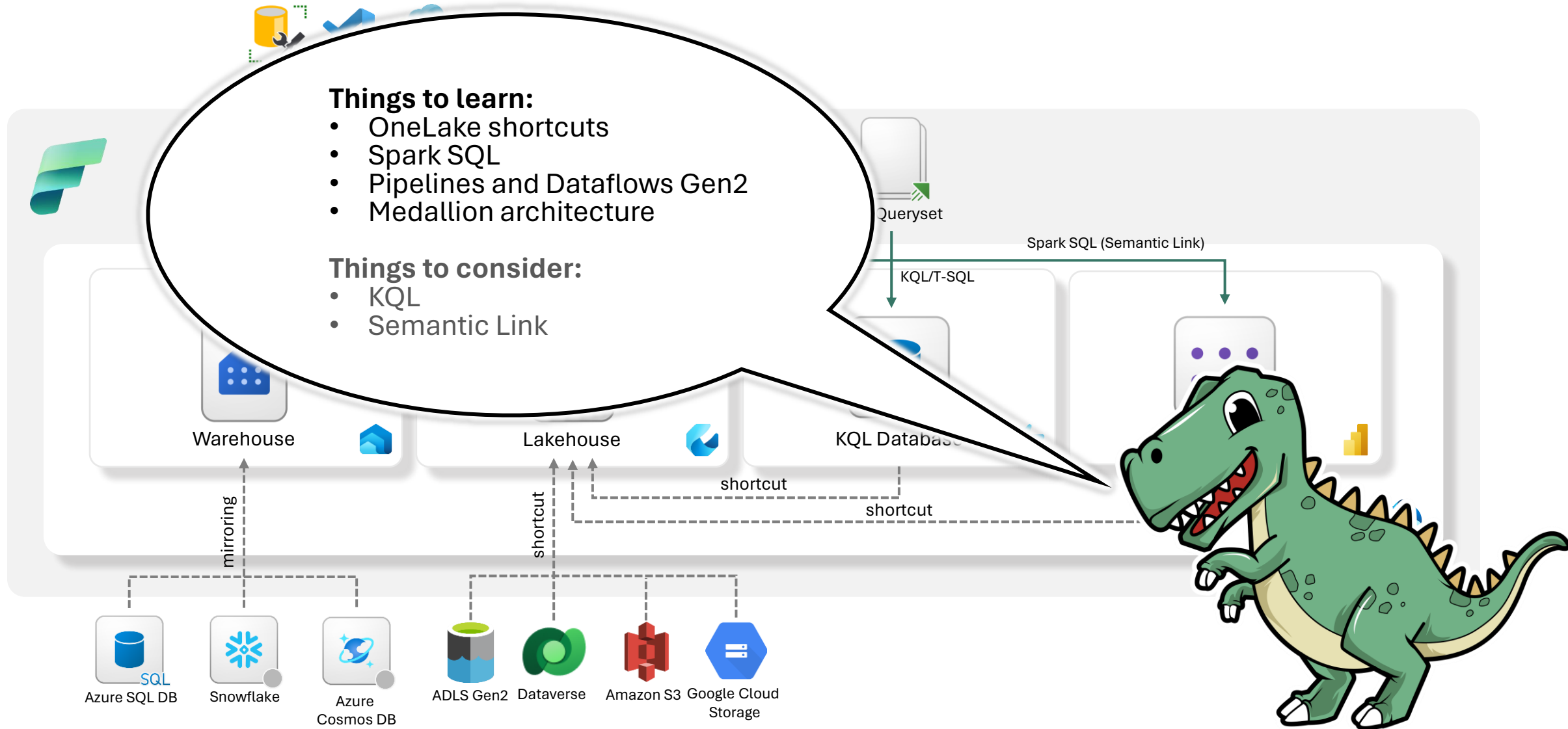
Microsoft Fabric



Working with SQL in Microsoft Fabric

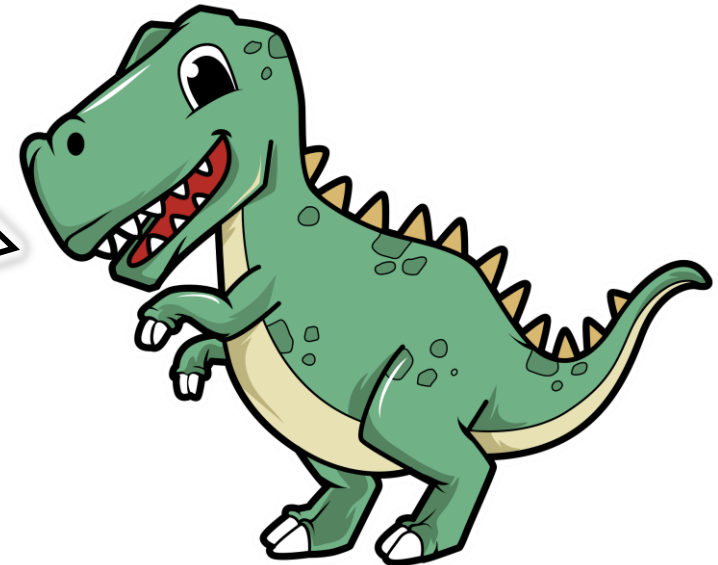


Working with SQL in Microsoft Fabric



Next Steps for SQL Developer in Fabric

- Spark SQL
 - Python (PySpark)
 - Data Factory experience (pipelines and Dataflows Gen2)
 - Direct Lake mode for semantic models
 - Medallion architecture with lakehouses and warehouses
 - Support development with generative AI
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- Semantic models and DAX
 - Semantic Link
 - KQL for observational and real-time analytics



Resources for SQL Developer in Fabric

- Doc: [SQL Reference - Spark 3.5.0 Documentation](#)
 - Doc: [Getting Started — PySpark 3.5.0 documentation](#)
 - Tutorial: [Data Factory end-to-end scenario - introduction and architecture](#)
 - Doc: [Implement medallion lakehouse architecture in Microsoft Fabric](#)
 - Learn: [Organize a Fabric lakehouse using medallion architecture design](#)
 - Doc: [Overview of Copilot in Fabric \(preview\)](#)
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- Learn: [Introducing DAX Video Course – SQLBI](#)
 - Learn: [Introduction to Data Modeling for Power BI Video Course - SQLBI](#)
 - Doc: [What is semantic link \(preview\)?](#)
 - Doc: [Kusto Query Language \(KQL\) overview](#)
 - Doc: [SQL to Kusto query translation](#)



Microsoft Fabric Community Resources

Community Call to Action

- ✓ Try Microsoft Fabric for free: <https://aka.ms/try-fabric>
- ✓ Join the Fabric community: <https://aka.ms/fabriccommunity>
- ✓ Share and vote for ideas to improve Fabric: <https://aka.ms/fabricideas>
- ✓ Read and comment Fabric Updates blog: <https://aka.ms/fabricblog>

Learn More about Microsoft Fabric

- Product website: <https://aka.ms/microsoft-fabric>
- Documentation: <https://aka.ms/fabric-docs>
- Product Roadmap: <https://aka.ms/FabricRoadmap>
- **Microsoft Learn:** <https://aka.ms/learn-fabric>
- **End-to-end scenario tutorials:** <https://aka.ms/fabric-tutorials>



Power BI & Fabric SUMMIT



Microsoft Fabric for SQL Developers

Download:

github.com/pawelpo/presentations