



# Microsoft Fabric for SQL Developers

**Pawel Potasinski**

Senior Program Manager @ Microsoft



```
SELECT * FROM Speaker WHERE CurrentSession = 1;
```



Member of Fabric CAT team

20+ years of experience with data

Ex-MVP (SQL Server, Data Platform)

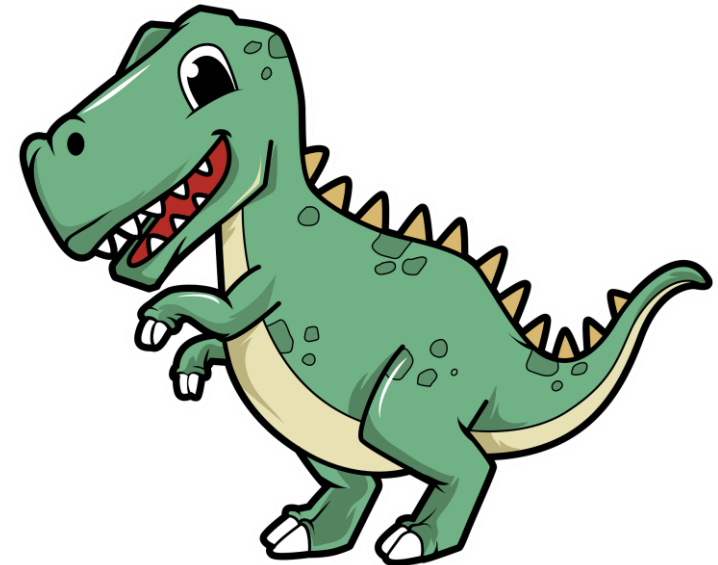
Founder of Data Community Poland

I ❤️ SQL!

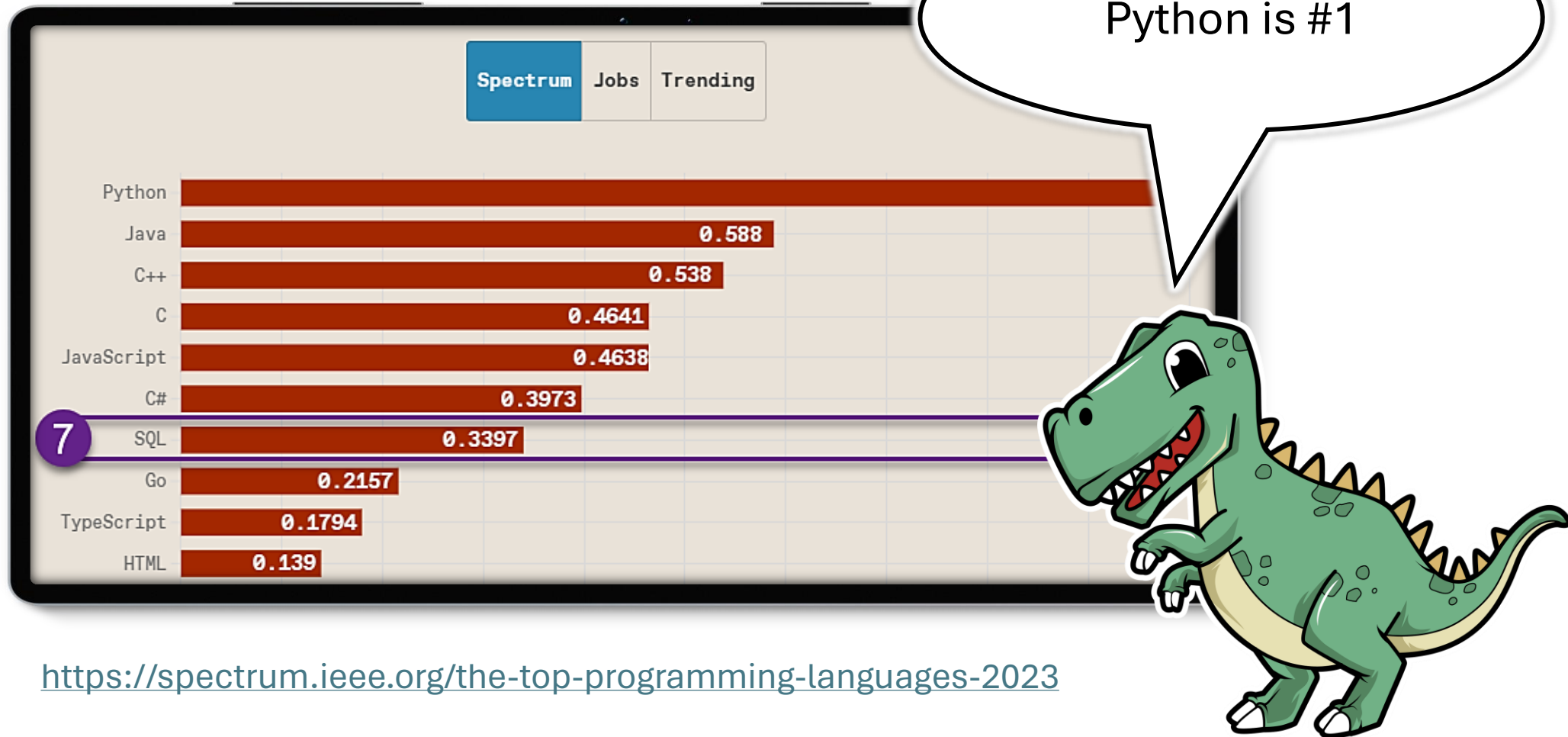
# Agenda

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

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

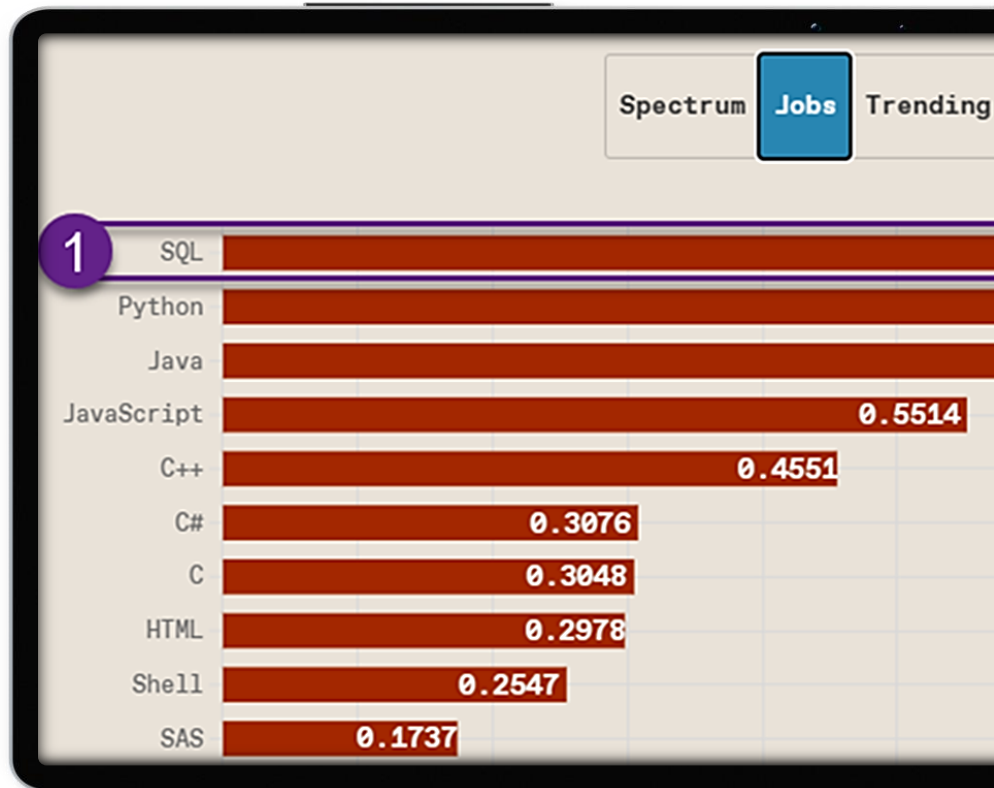


# Why care about SQL?

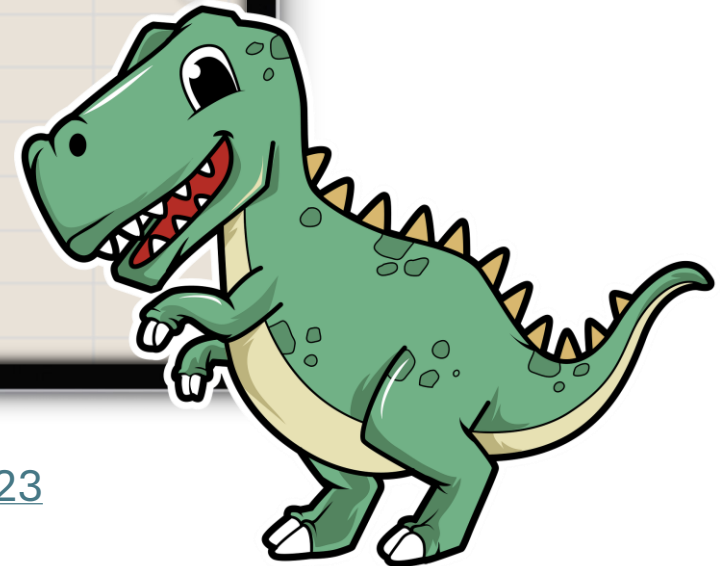


<https://spectrum.ieee.org/the-top-programming-languages-2023>

# Why care about SQL?

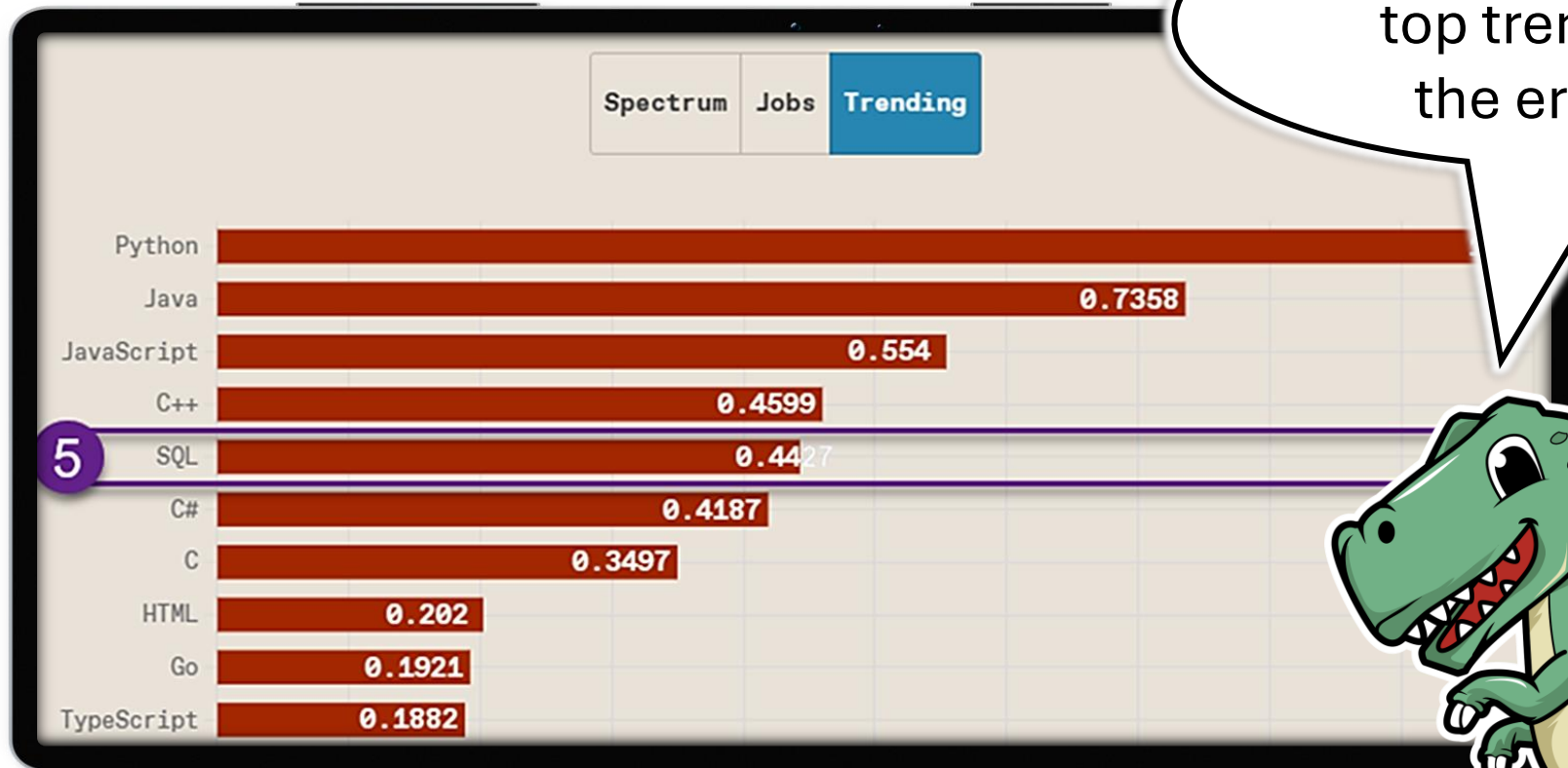


Most jobs =  
SQL + another language

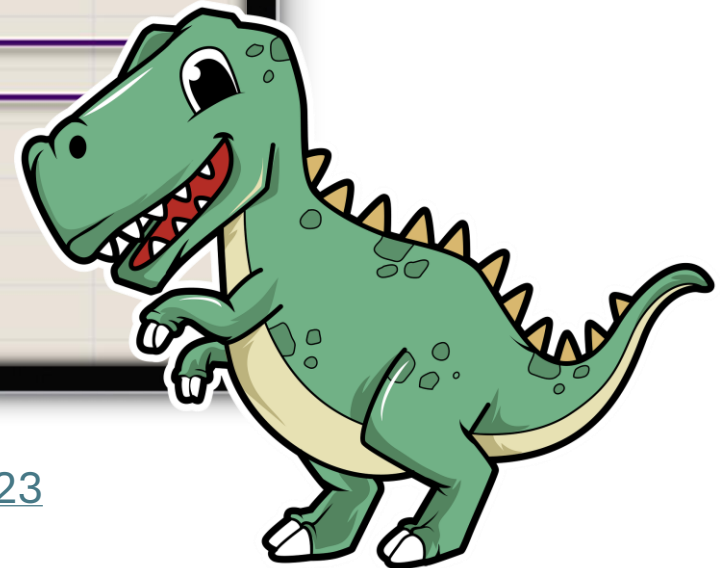


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# Why care about SQL?



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

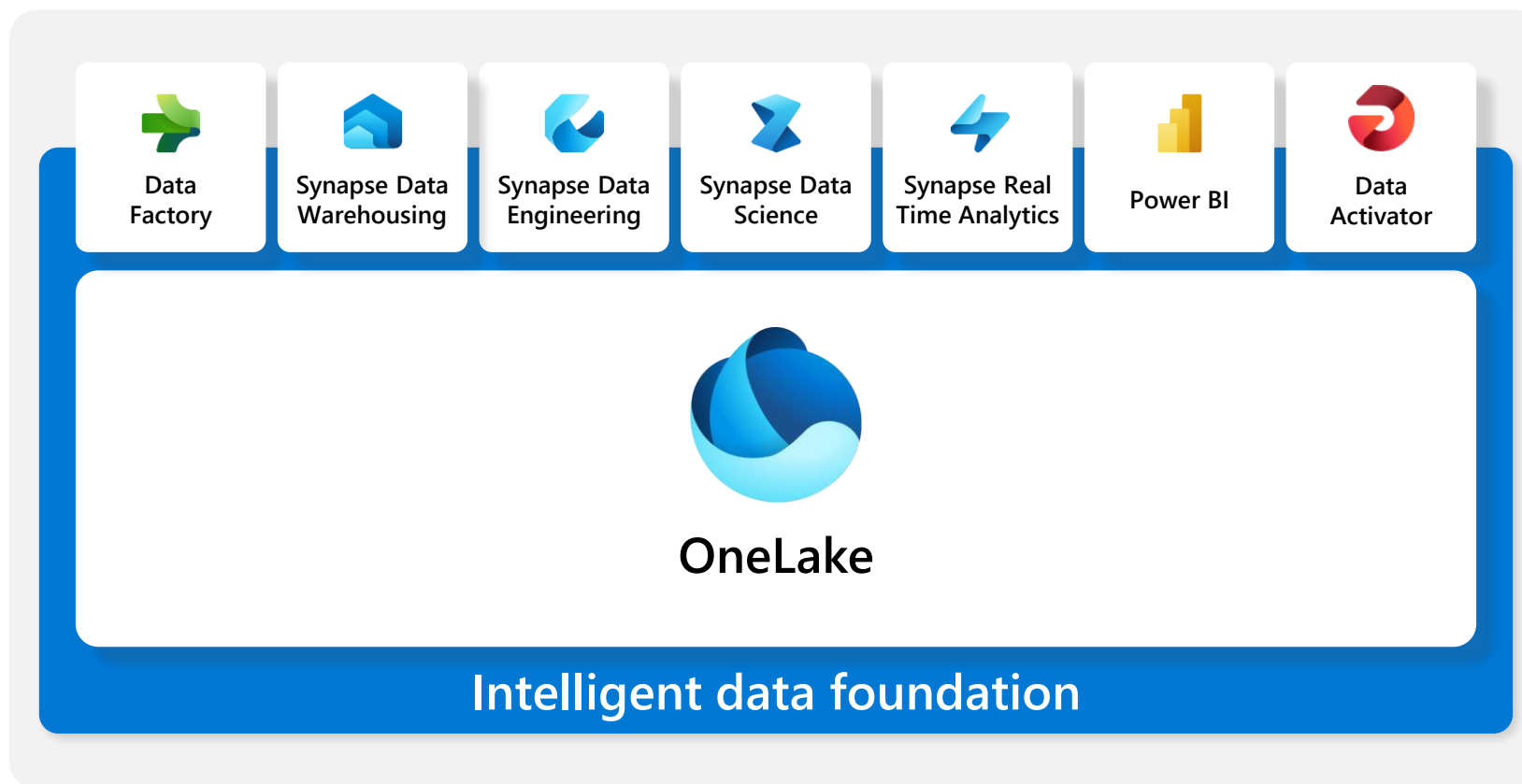


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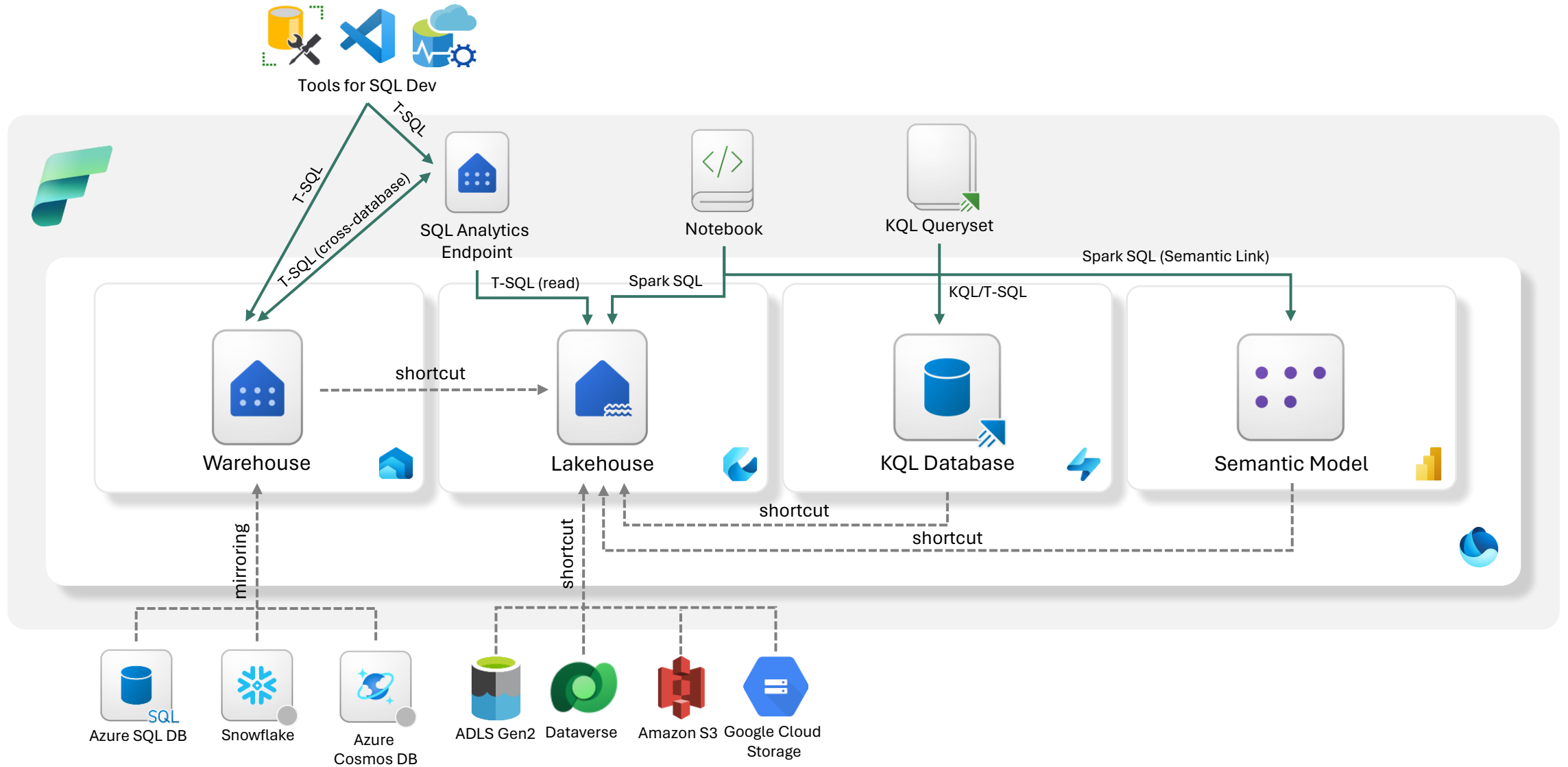




# Microsoft Fabric

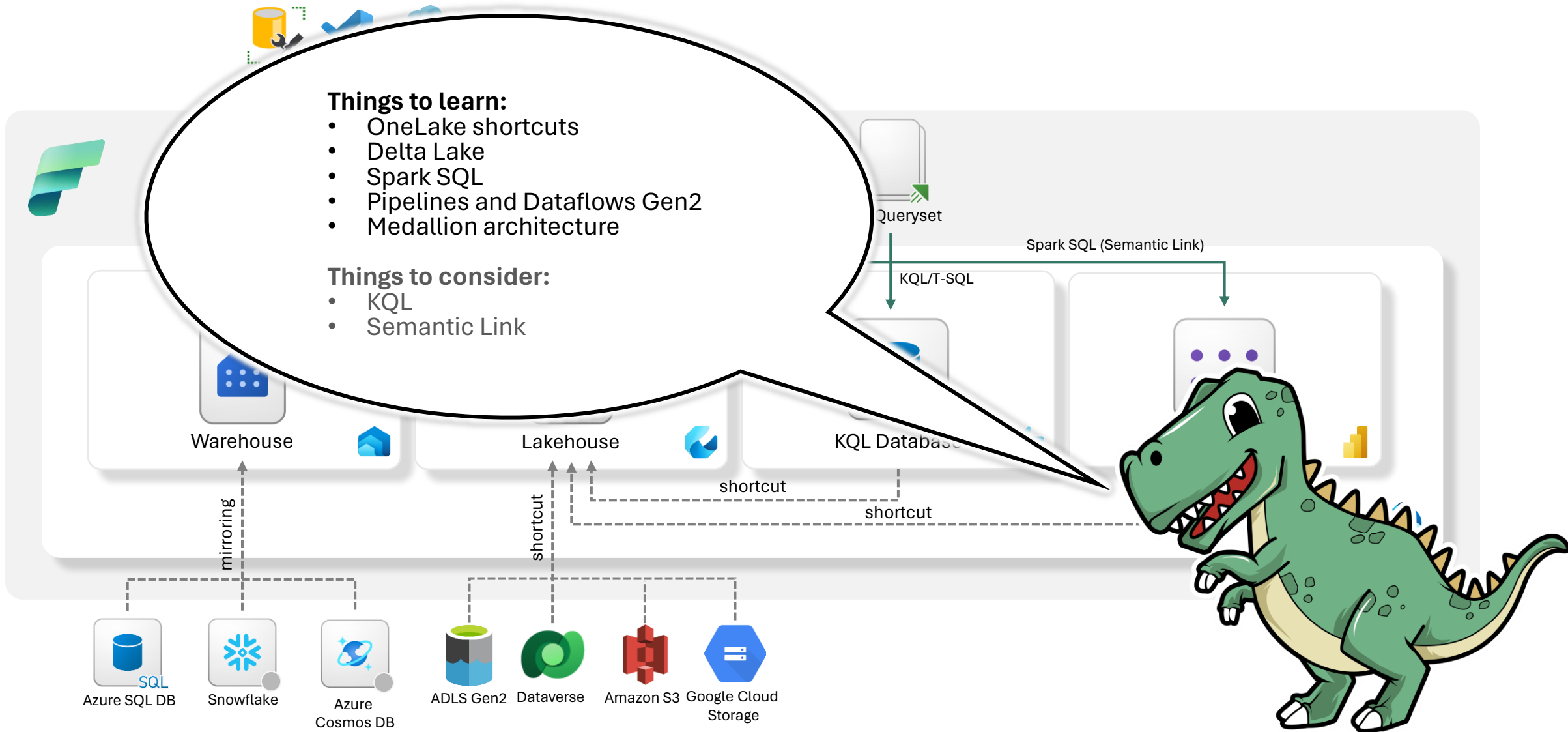


# Working with SQL in Microsoft Fabric



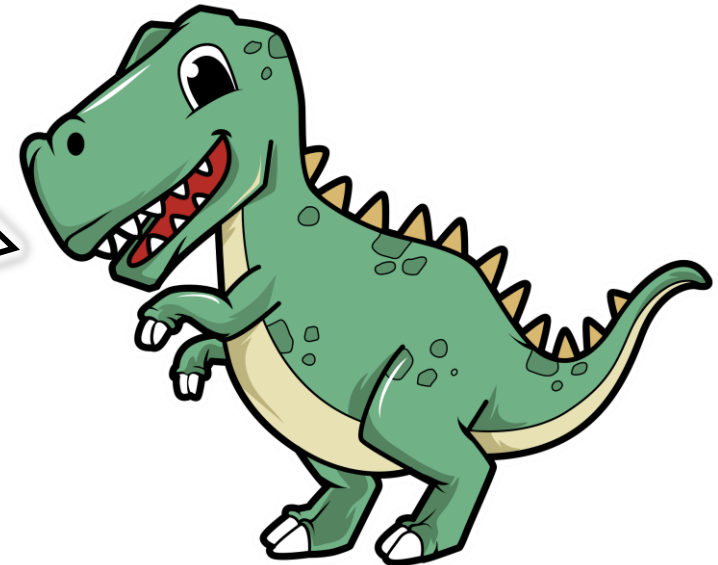


# Working with SQL in Microsoft Fabric



# Next Steps for SQL Developer in Fabric

- Spark SQL
  - Delta Lake
  - Python (PySpark) – Data Wrangler
  - Data Factory experience (pipelines and Dataflows Gen2)
  - Medallion architecture with lakehouses and warehouses
  - Direct Lake mode for semantic models
  - Support development with generative AI
- 
- 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](#)
  - Doc: [Delta Lake 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 \(preview\)](#)
- 
- 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>





Microsoft Fabric for



Developers

Download:

[github.com/pawelpo/presentations](https://github.com/pawelpo/presentations)

