

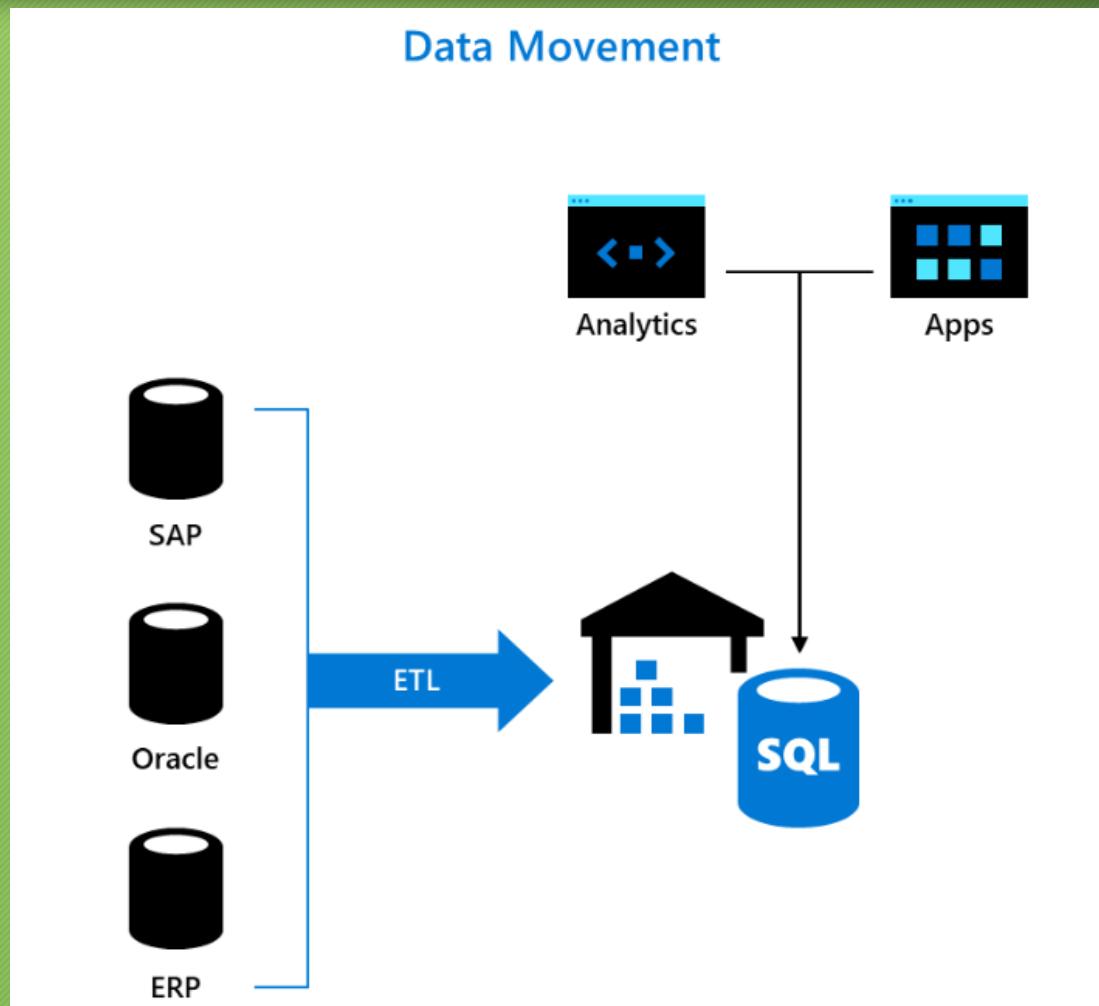
# summary vom PASS Summit 2019

Alexander Karl



# Neues Thema „Data virtualization“

bisheriges Vorgehen



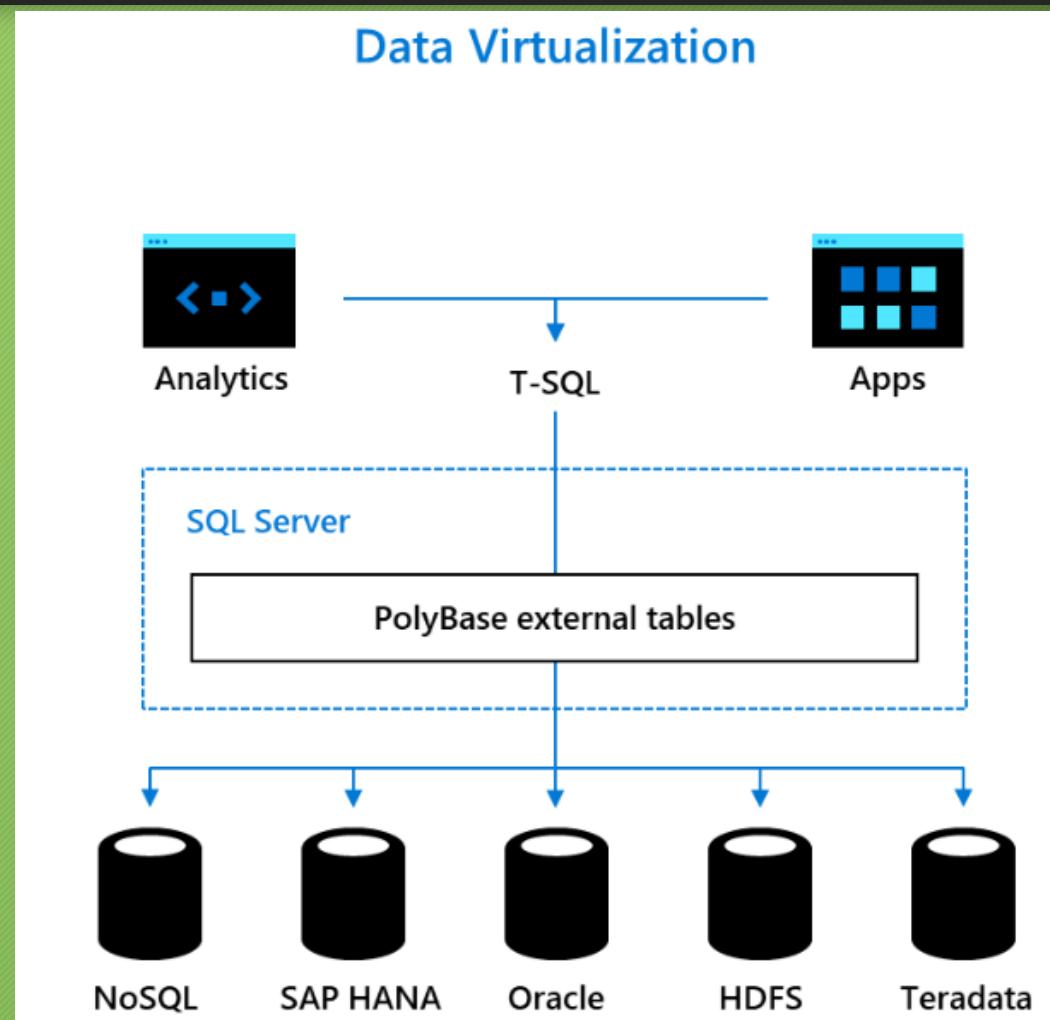
# Neues Thema „Data virtualization“

## bisheriges Vorgehen Nachteile

- ETL Development, maintain and support
- Data from an ETL pipeline lags 2-7 days behind business  
(in 80% of cases)
- Running multiple copies of data poses **security threats**  
and requires expensive **disk space**

# Neues Thema „Data Virtualization“

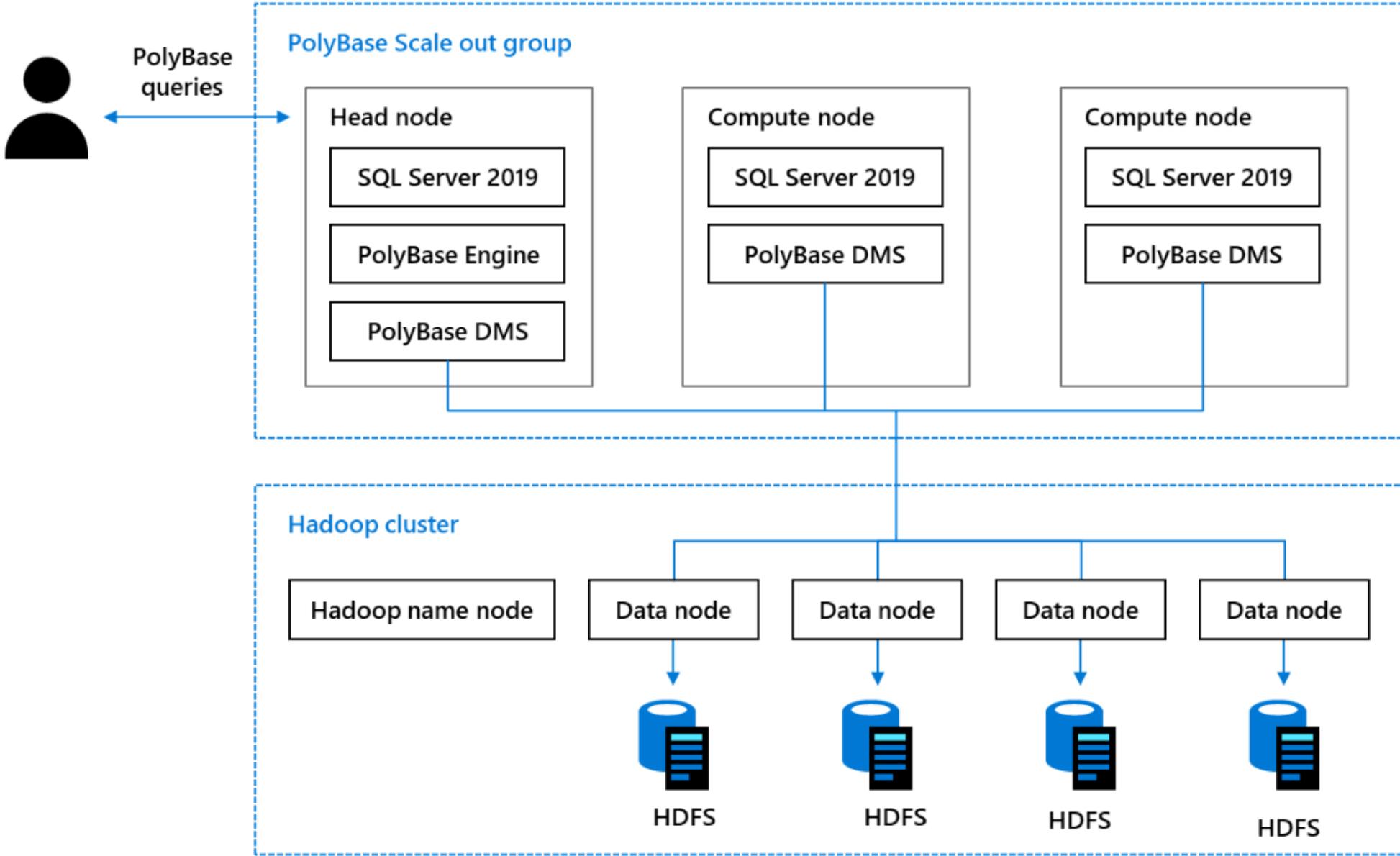
jetzt mit  
Data Virtualization



# Neues Thema „Data virtualization“

jetzt mit  
Data Virtualization

- .. Users or applications can run T-SQL queries that reference the external table as if it were a normal SQL Server table
- no data latencies and no duplicated storage costs
- SQL Server 2019 extends the capabilities of PolyBase with new connectors ...  
(Oracle, Teradata, MongoDB, Azure Cosmos DB, HDFS)



PolyBase scale-out groups querying Hadoop clusters

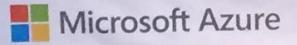
# links

- <https://info.microsoft.com/ww-landing-SQLDB-Microsoft-SQL-Server-WhitePaper.html>
- For more information about SQL Server 2019, see:  
<http://aka.ms/ss19>
- For more information about Azure Data Studio, see:  
<http://aka.ms/azuredatastudio>

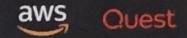
Thank you for attending



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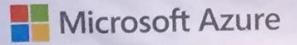


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Level  
**3**

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