# Kusto - Azure Monitor Log Queries

Taiob Ali

PASS
LOCAL
GROUP

Louisville, KY

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## Data Solutions Manager, GMO LLC

http://sqlworldwide.com/

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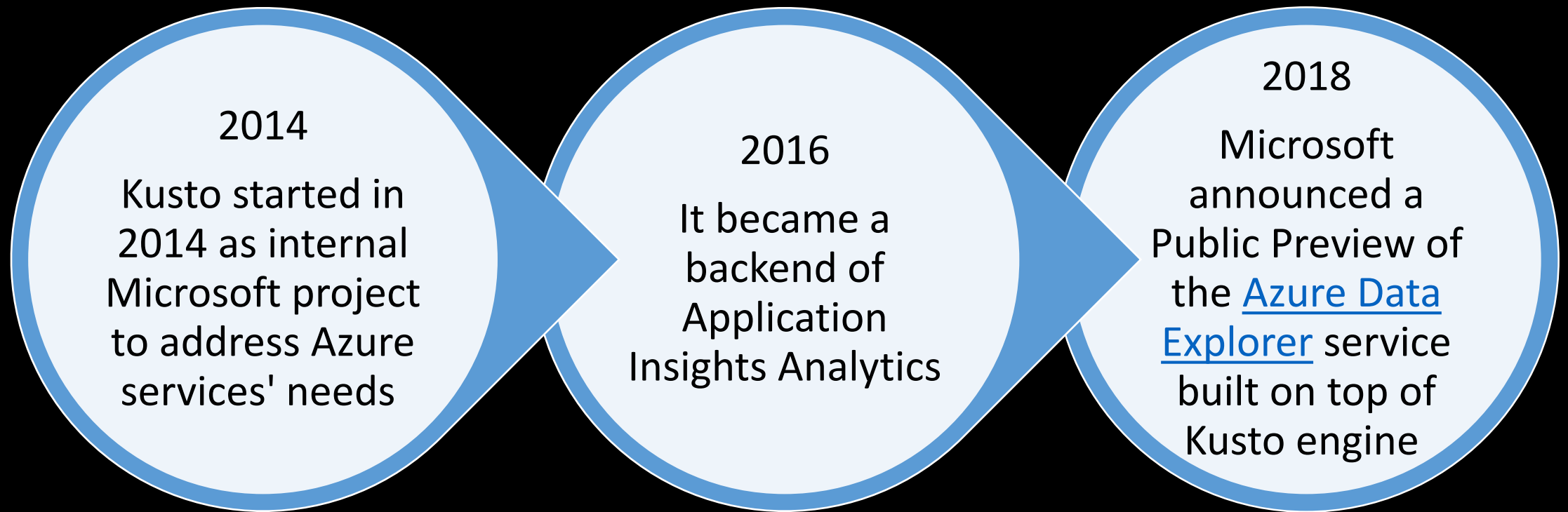@sqlworldwide

Taiob@sqlwroldwide.com

## Data Professional

Microsoft Data Platform MVP. 14 Years working with Microsoft Data Platform. Microsoft and MongoDB certified. Worked in ecommerce, healthcare and finance industry.
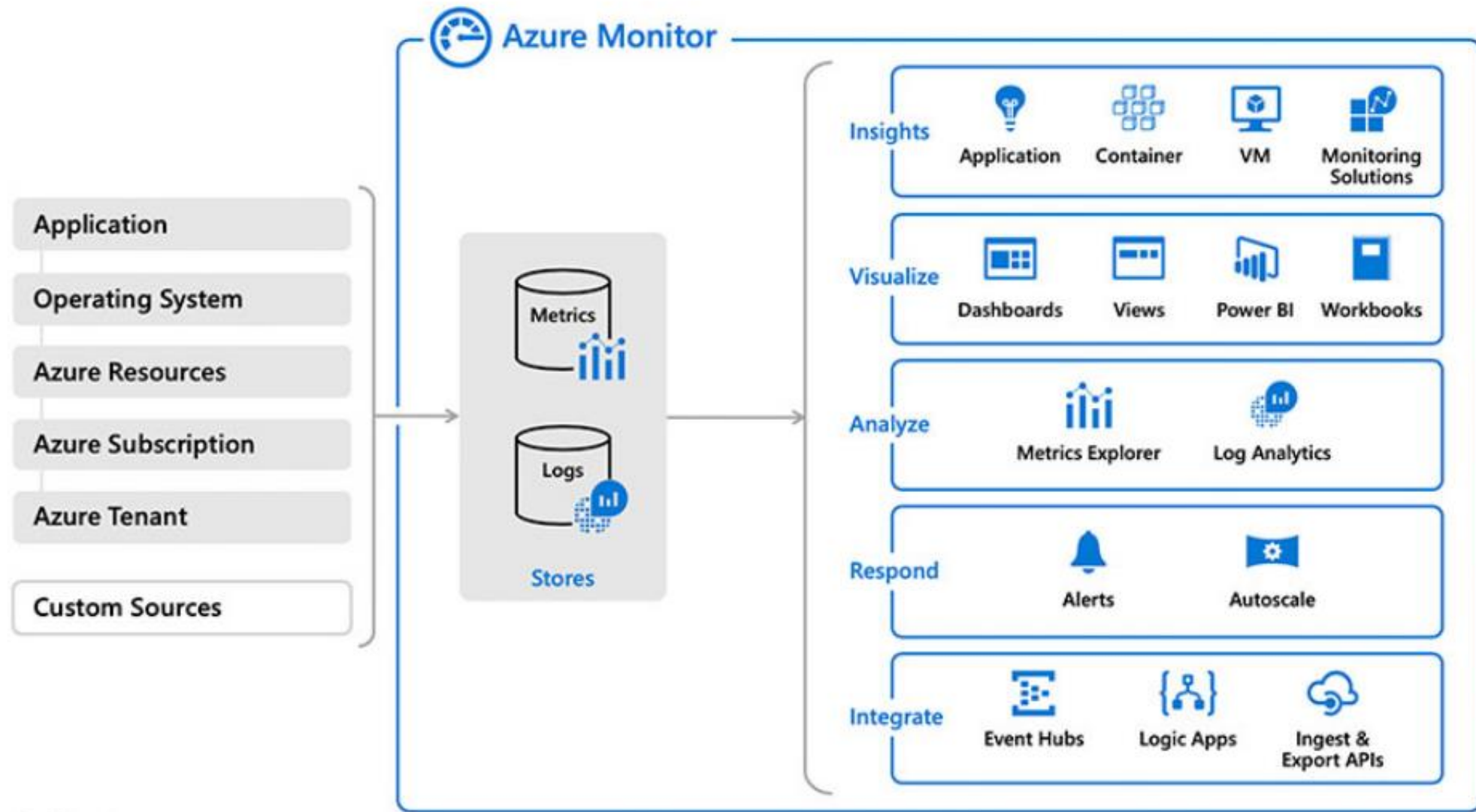
## Giving Back

Board member NESQL user group and PASS DBA virtual group. Organizer of Boston SQL Saturday. Frequent speaker at local and virtual user groups, SQL Saturdays, and azure events.
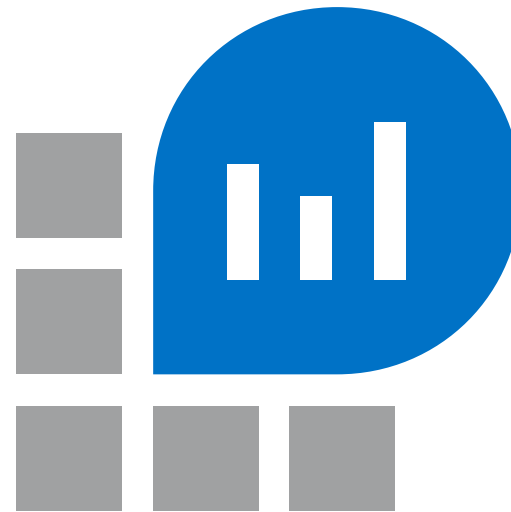
## When Not Working

Running – One 26.2 and many 13.1 miles. Learning US history. Shuttling 3 kids.

**2014**

Kusto started in 2014 as internal Microsoft project to address Azure services' needs

**2016**

It became a backend of Application Insights Analytics

**2018**

Microsoft announced a Public Preview of the Azure Data Explorer service built on top of Kusto engine

# Not another one, can I use TSQL?

➢ Azure Monitor – NO
➢ Azure Data Explorer - YES

While **SQL Queries** to Kusto are supported, the primary means of interaction with Kusto is through the use of the **Kusto query language** to send data queries, and through the use of **control commands** to manage Kusto entities, discover metadata, etc.

# Primary means of interaction with Kusto is through the use of the Kusto query language

# How can I learn?

## Check the reference slide

## Demo environment

- https://aka.ms/LADemo
- https://aka.ms/AIAnalyticsDemo
- https://aka.ms/WidDevATP

# Reference

- [Azure Monitor overview](#)
- [Pluralsight course 'Kusto Query Language (KQL) from Scratch](#) by  Robert Cain
- [Get started with log queries in Azure Monitor](#)
- [Common Query Samples](#)
- [Write queries for Azure Data Explorer](#)
- [SQL to Azure Monitor log query cheat sheet](#)
- [SQL to Analytics Language cheat sheet](#)
- [Azure AD Log Analytics KQL queries via API with PowerShell](#)
- [Operations Management Suite 101: Log Analytics Queries 101](#)
- [Log Analytics Advanced Queries](#) by Marc Kean

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taiob@sqlworldwide.com