

Microsoft Azure

Data – Dustin Waybright

A new era of computing



1970s

Mainframe era

One computer
per many users



1980s

Personal computer era

One computer
per user



2000s

Mobility era

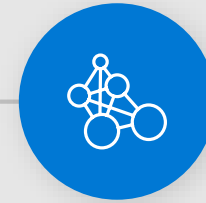
Several computers
per user



2010s

Cloud era

many computers
per many users



2020 and beyond

Ubiquity era

Millions of computers
per many users

Some of use have been innovating here for a long time...



Azure Data Studio

Public Preview
Released @ Ignite
September 2018



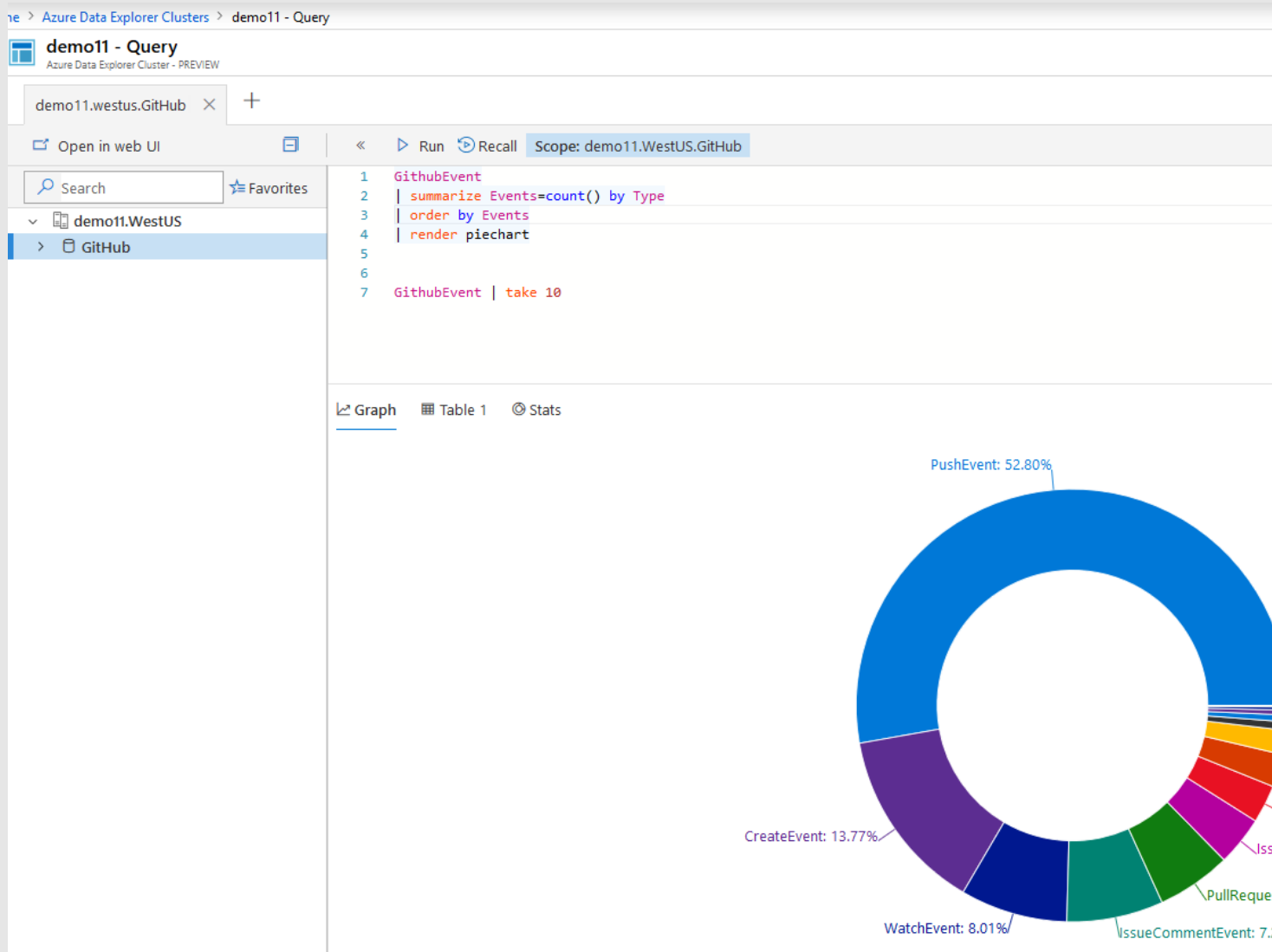
Insight Widgets!

<https://docs.microsoft.com/en-us/sql/azure-data-studio/insight-widgets?view=sql-server-2017>

Azure Data Explorer

Fast & Highly Scalable Data Exploration

Public Preview
Released @ Ignite
September 2018



Architecture:

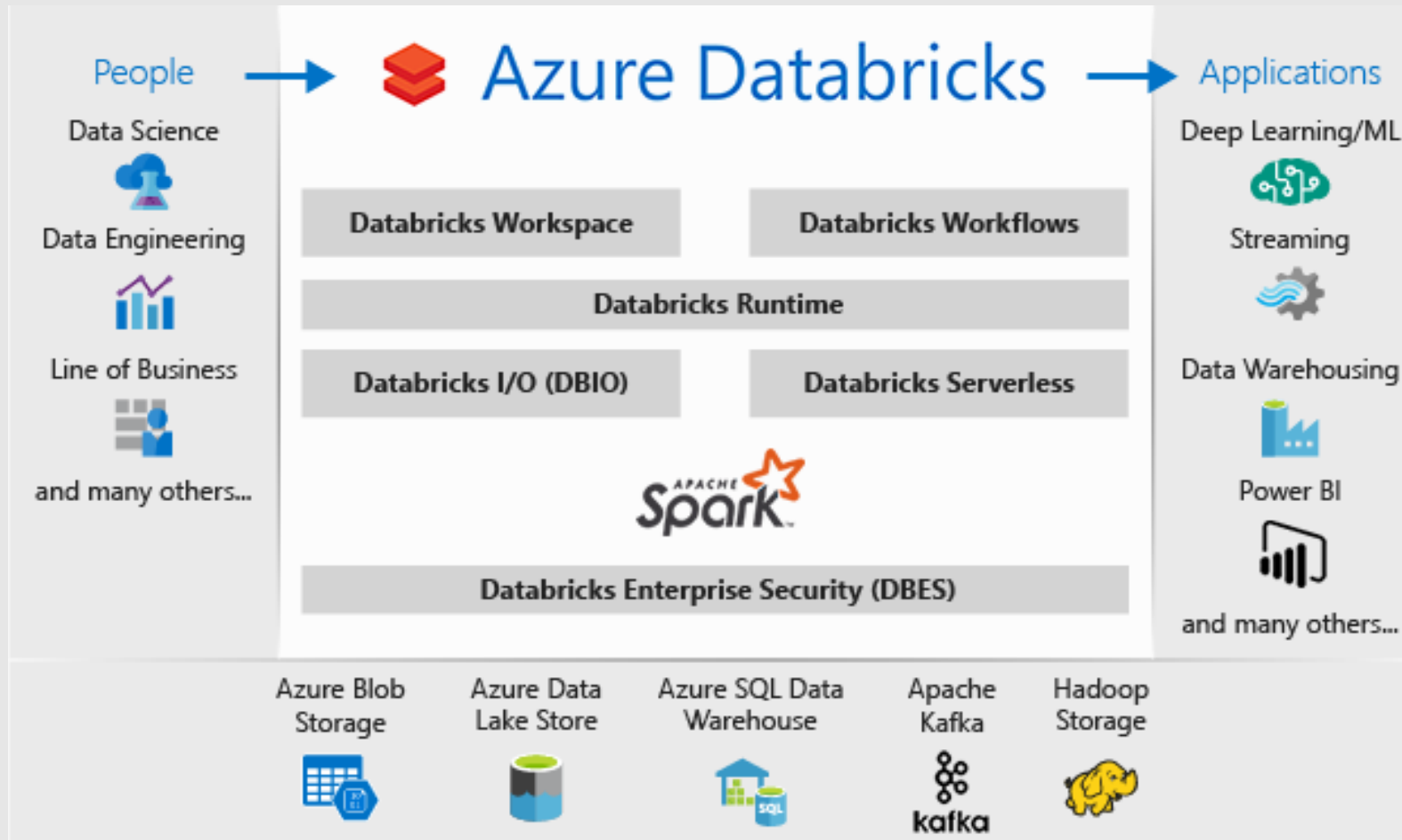
<https://docs.microsoft.com/en-us/azure/data-explorer/data-explorer-overview>

Query Examples:

<https://docs.microsoft.com/en-us/azure/data-explorer/web-query-data>

Azure Databricks + Delta

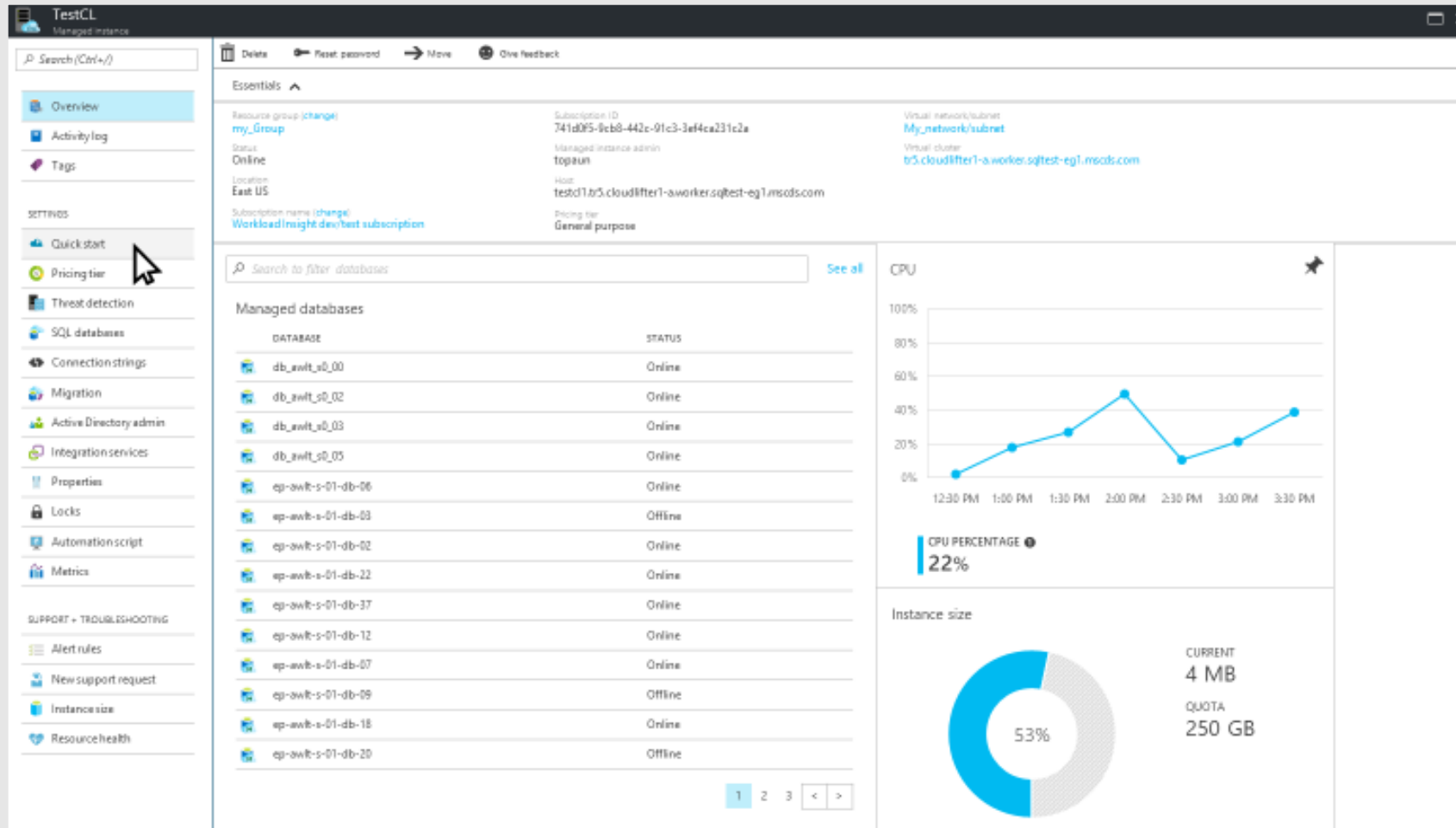
GA
Updates @ Ignite
September 2018



<https://docs.azuredatabricks.net/delta/delta-intro.html>

Azure SQL Database Managed Instance

GA*
Released @ Ignite
September 2018



<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance>

How do I increase my skills?



Azure Data Services Resources

Microsoft Virtual Academy:

<https://mva.microsoft.com/search/SearchResults.aspx#!index=2&prod=Azure&prodv=Azure%20SQL&jobf=Developer&lang=1033>

Certifications:

<https://www.microsoft.com/en-us/learning/certification-overview.aspx>

Microsoft Learn:

<https://docs.microsoft.com/en-us/learn/>