

Kusto Query Language: Getting Started

Introduction to the Kusto Query Language



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Overview



Introduction to KQL

- Who should be using KQL
- Where should KQL be used
- What is the purpose of KQL

Terms and Definitions

- Table Groups
- Tables
- Columns

The Log Analytics Demo Environment



Demo



Microsoft Free Learning Environments

Azure Data Explorer Demo Environment

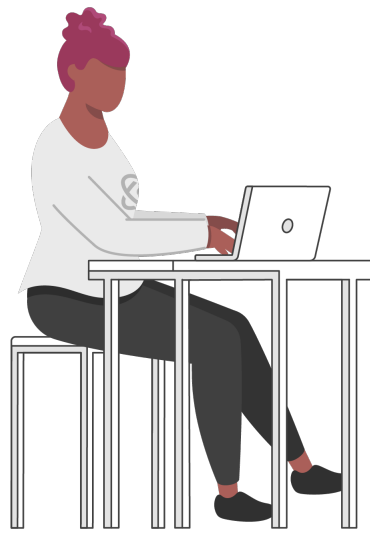
- <https://dataexplorer.azure.com/clusters/help/databases/Samples>

Log Analytics Demo Environment

- <https://aka.ms/LADemo>
- https://portal.azure.com/#view/Microsoft_Azure_Monitoring_Logs/DemoLogsBlade



Who Should Use KQL



IT Personnel



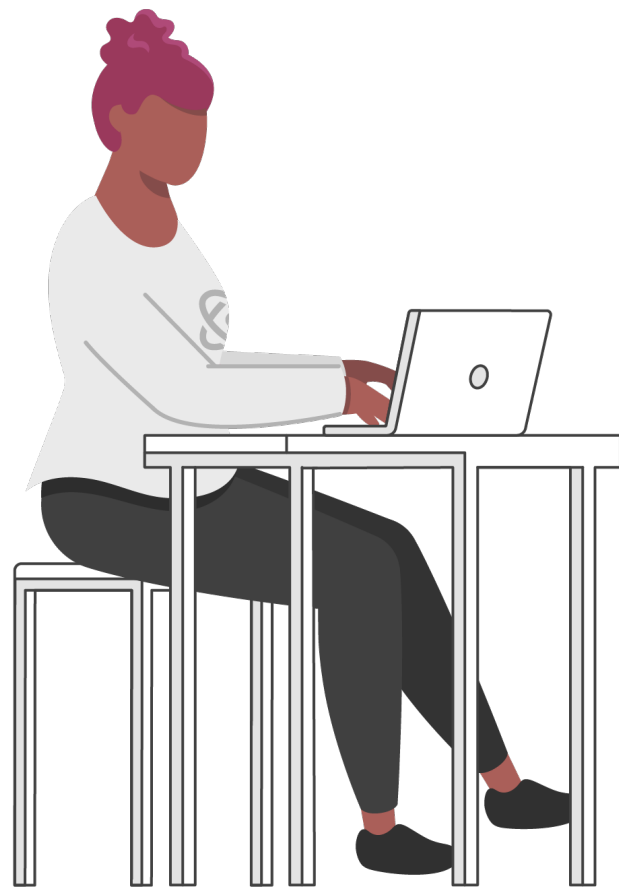
Data Analysts



Report Writers



IT Personnel



Azure Provided Monitoring Tools

Log Analytics

Using KQL, IT Personnel Can...

- Server Load, CPU Usage
- Disk Space
- Network Traffic



Data Analysts



Azure Cluster

Store Company Data

Using KQL with Azure Data Explorer

Data Analysts Can...

- Anomalies and Outliers
- Explore Data, Look for Patterns
- Statistical Models



Report Writers



KQL Isn't For Everyone

Reports Make Data Accessible To All

Azure Data Connector

Report Writers Can...

- Help Desk Reports
- Reports for the Business



Where Should KQL Be Used



Demo



Where KQL Can Be Used

Azure Data Explorer

Azure Log Analytics

PowerBI



The Purpose Of KQL



“Kusto Query Language is a powerful tool to explore your data and discover patterns, identify anomalies and outliers, create statistical modeling, and more.”

Microsoft KQL Overview Documentation



Purpose of KQL



IT Personnel: Anomalies and Outliers

Data Analyst: Explore Data and Find Patterns

Report Writer: Statistical Models

Be patient



Up Next:

Terms and Definitions Used With KQL

