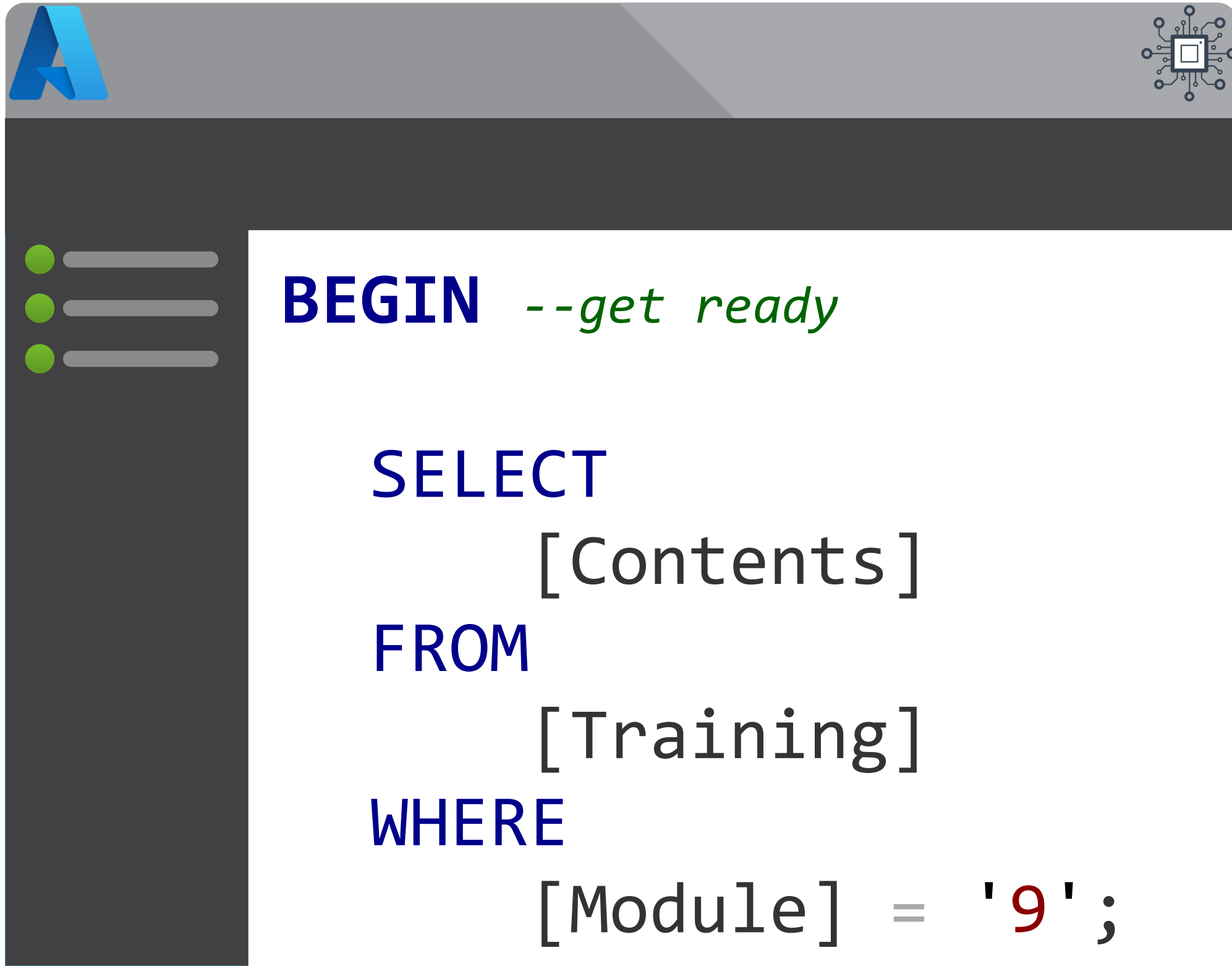


Module 9

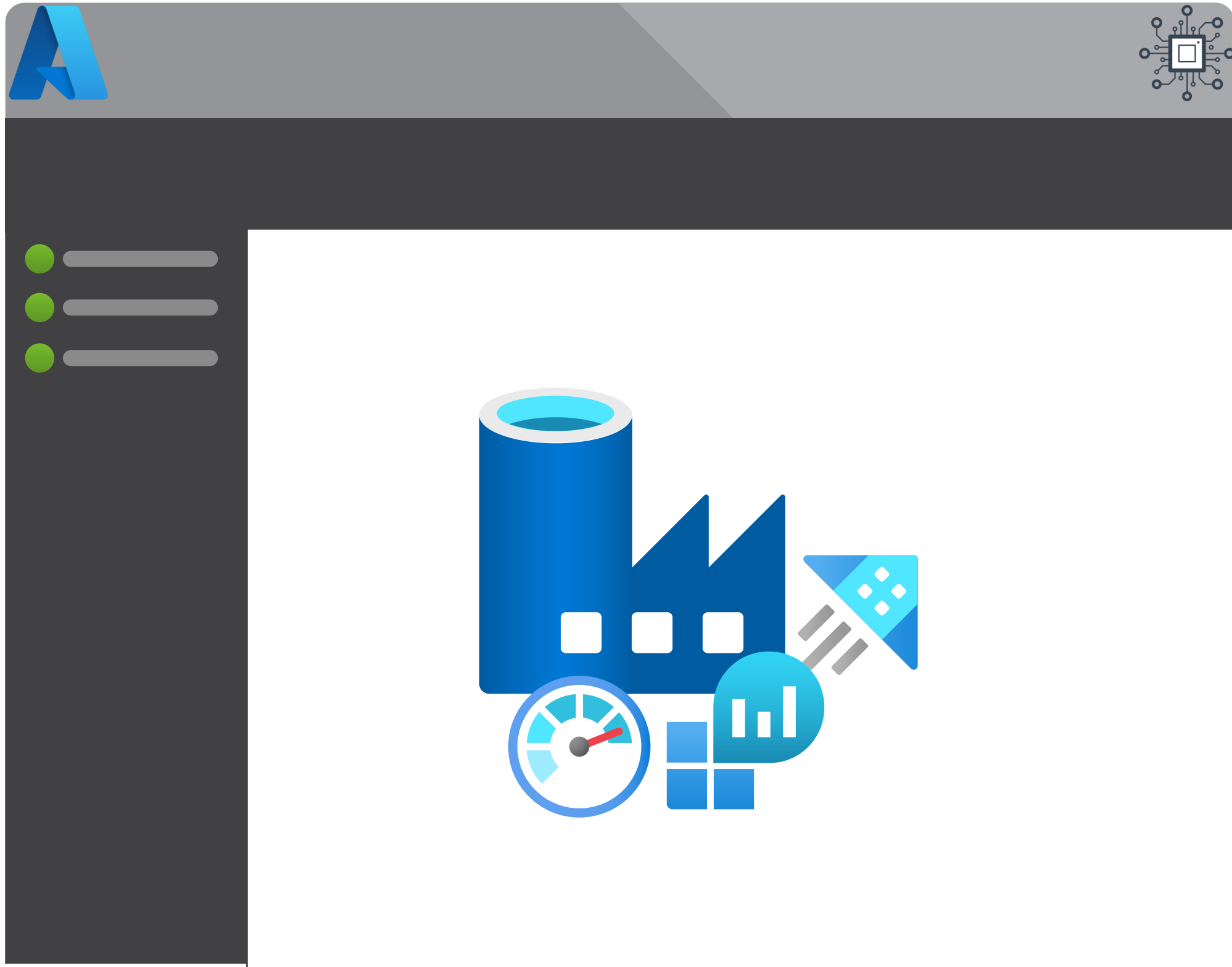
Monitoring & Alerting



- Studio Monitoring
- Log Analytics & Kusto Queries
- Operational Dashboards
- Advanced Alerting

Module 9

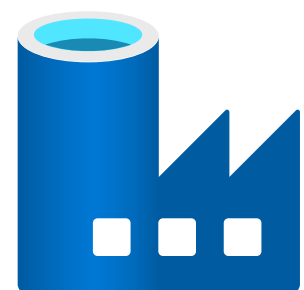
Monitoring & Alerting



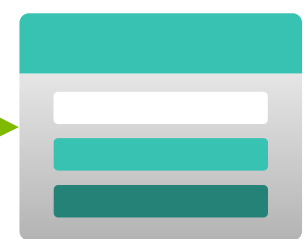
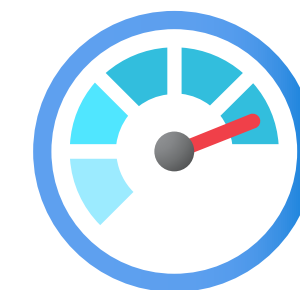
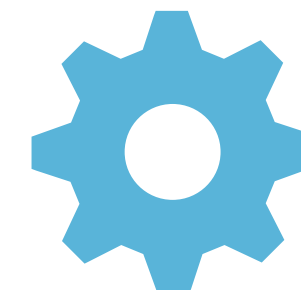
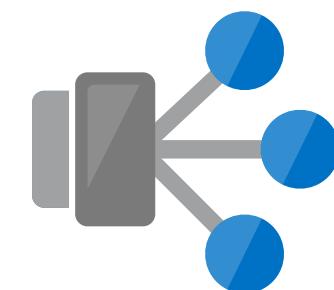
- Studio Monitoring
- Log Analytics & Kusto Queries
- Operational Dashboards
- Advanced Alerting



Diagnostic Settings



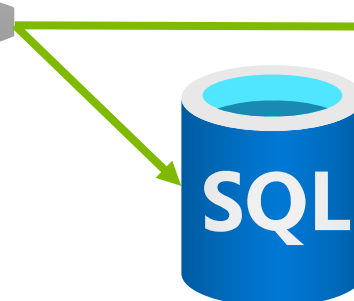
Log Analytics



Storage

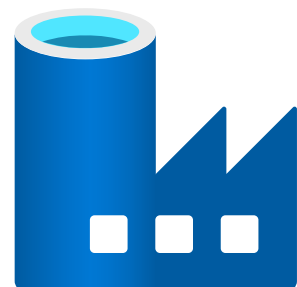
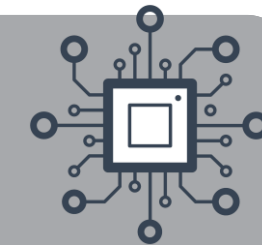


Event Hub

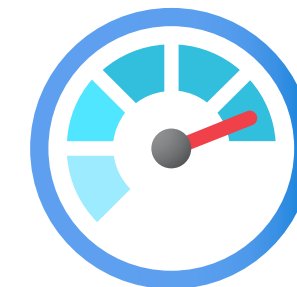
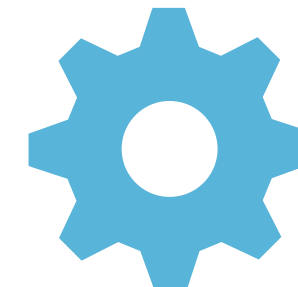
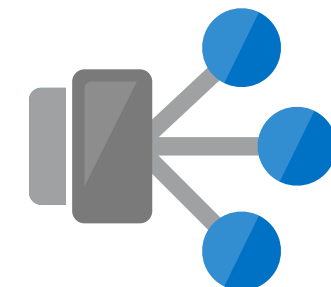




Diagnostic Settings

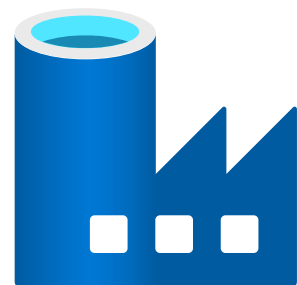


Log Analytics





Using Log Analytics



ADFPipelineRunDurations

| project

TimeGenerated,

Start,

End,

['DataFactory'] = substring(ResourceId, 121, 100),

Status,

PipelineName,

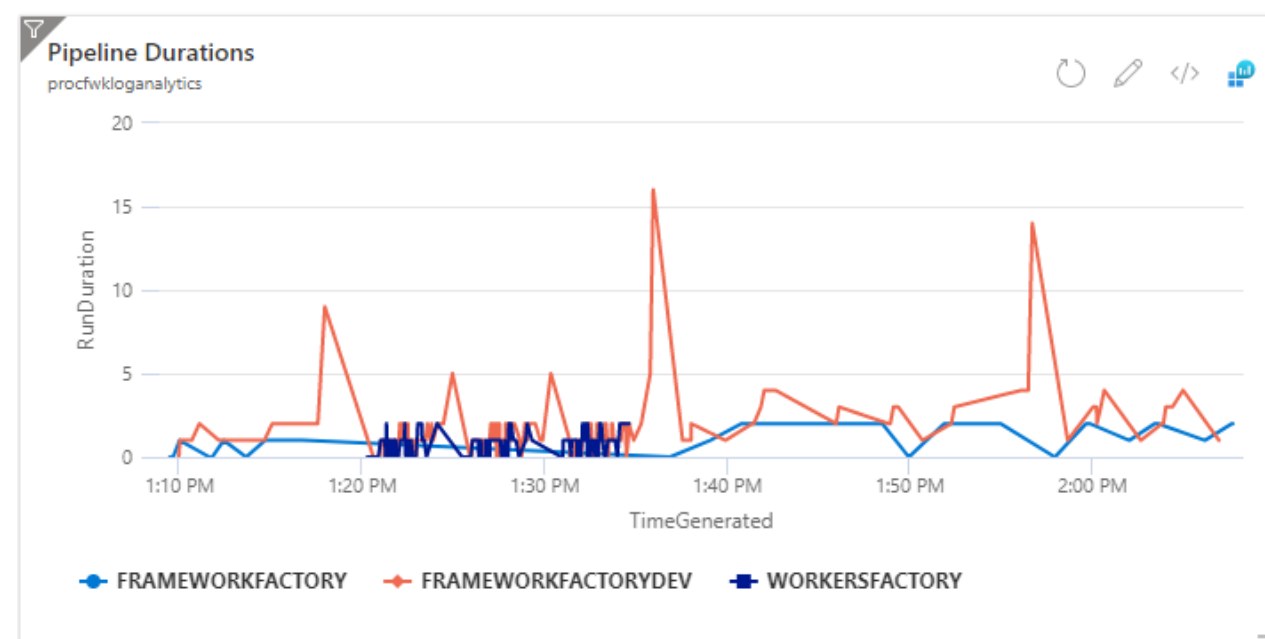
Parameters,

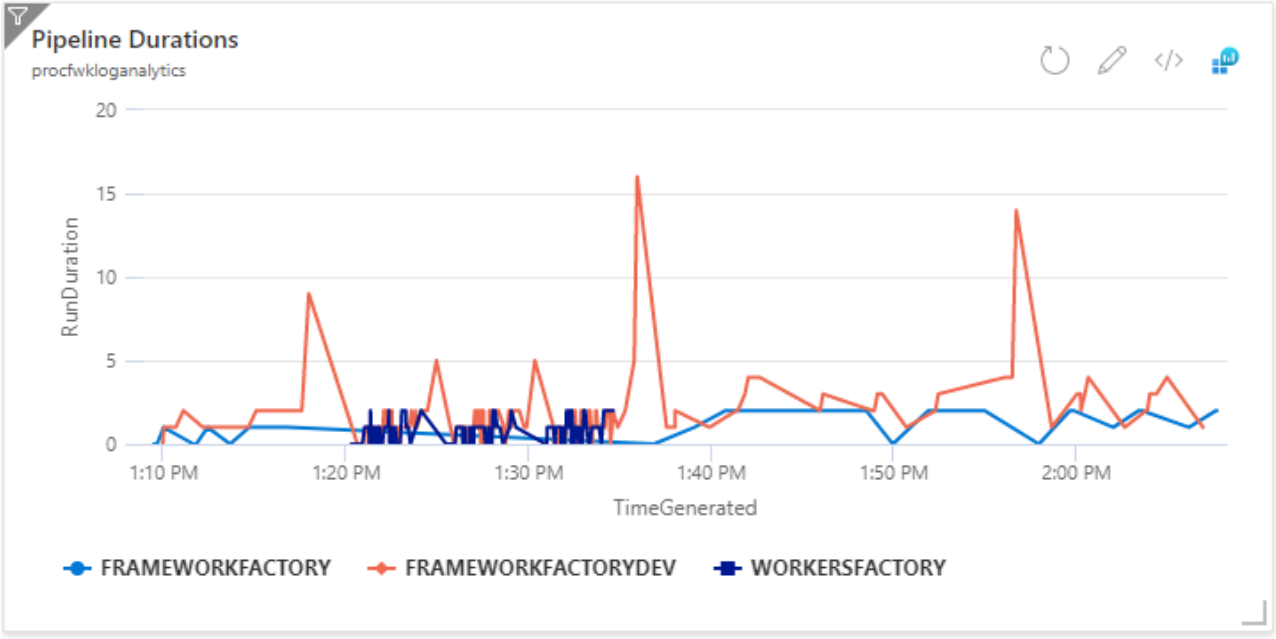
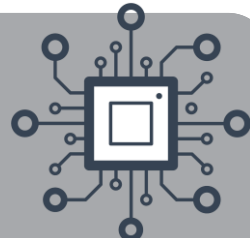
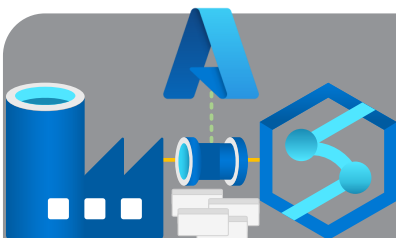
["RunDuration"] = datetime_diff('Minute', End, Start)

| where

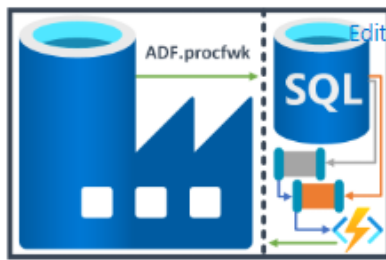
TimeGenerated > ago(1h)

and Status !in ('InProgress', 'Queued', 'Cancelling')









ADF.procfwk

SQL

Resources and Content

[Blogs](#) [mrpaulandrew.com/ADF.procfwk](#)

[GitHub](#) [github.com/mrpaulandrew/ADF.procfwk](#)

[Twitter](#) [#ADFprocfwk](#)

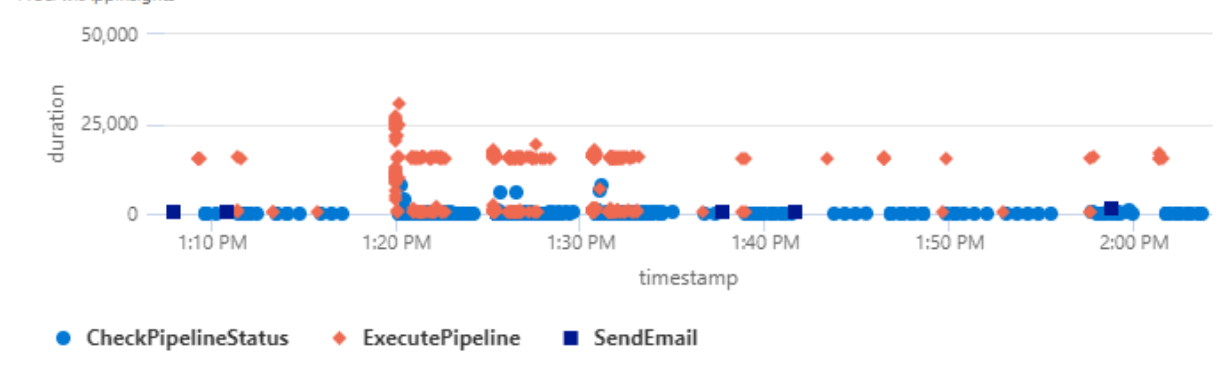
FrameworkSupportF...

Function App

Running

Function Call Durations

ProcFwkAppInsights



ProcFwkAppInsights

Application Insights

procfwkloganalytics

Workspace

FrameworkFactor

Data factory

FrameworkFactor

Data factory

FrameworkFactor

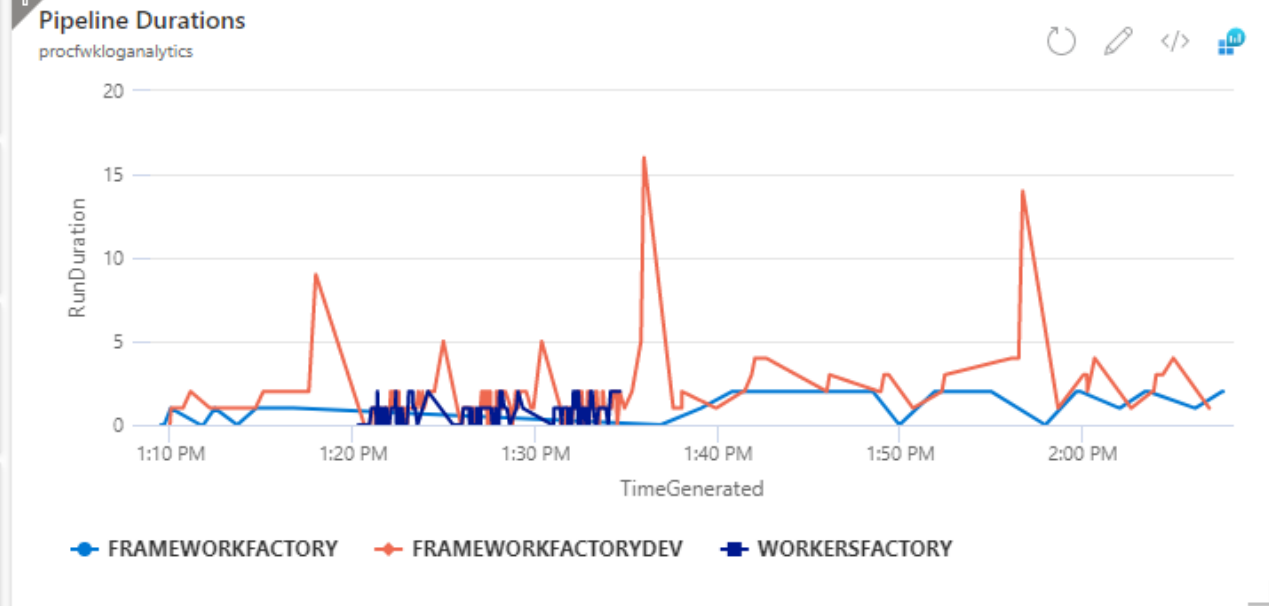
Data factory

WorkersFactory

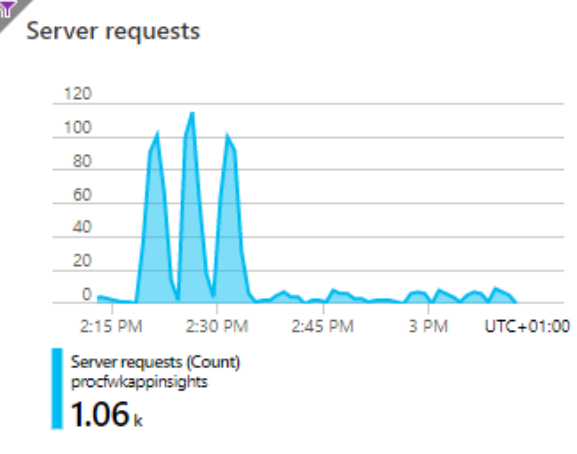
Data factory

Pipeline Durations

procfwkloganalytics

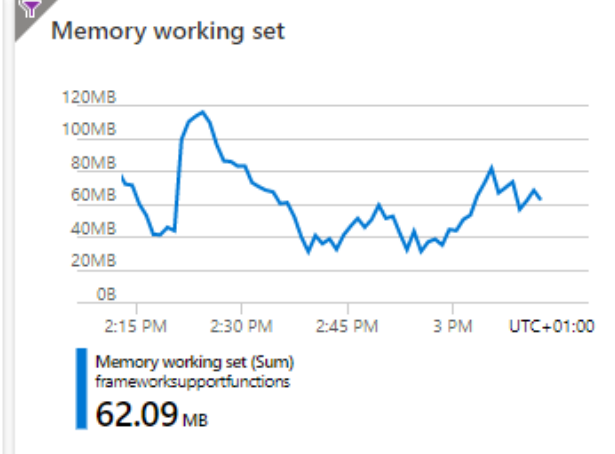


Server requests



1.06 k

Memory working set

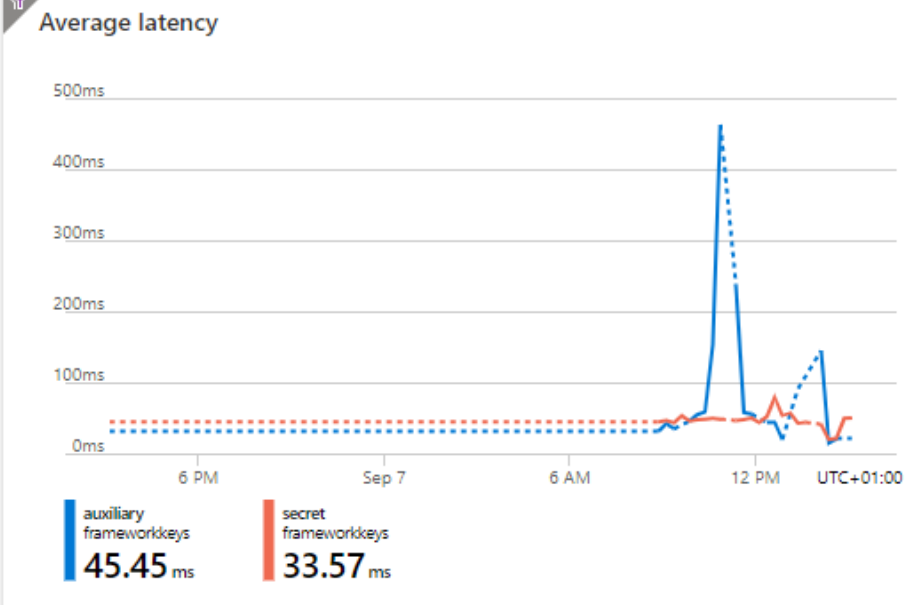


62.09 MB

FrameworkKeys

Key vault

Average latency



45.45 ms


33.57 ms

FrameworkMetadat...

SQL database

Online

Compute utilization



13 %

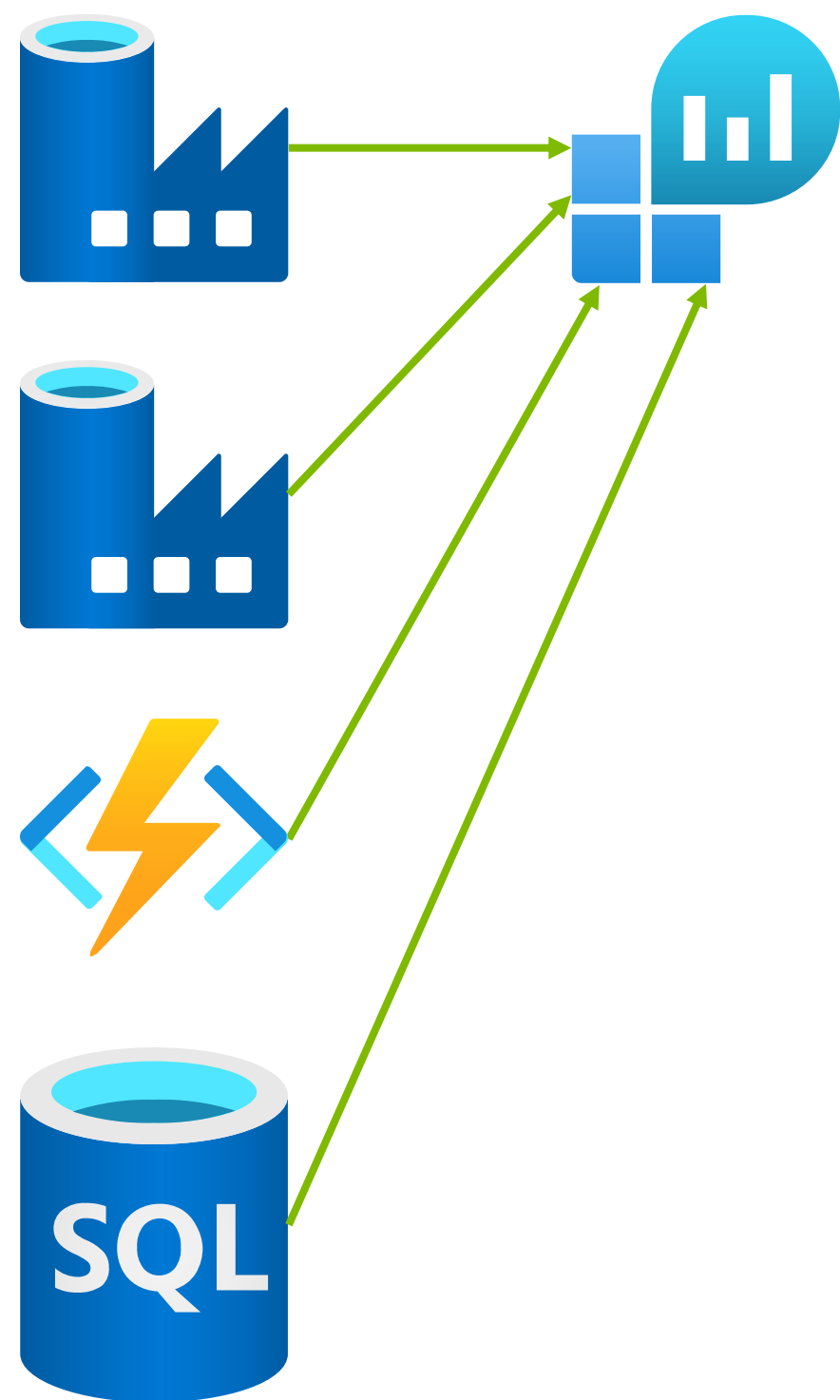
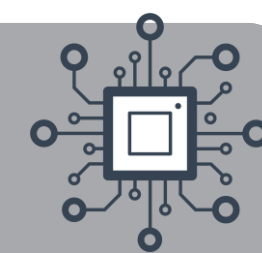
Resources

ADF.procfwk

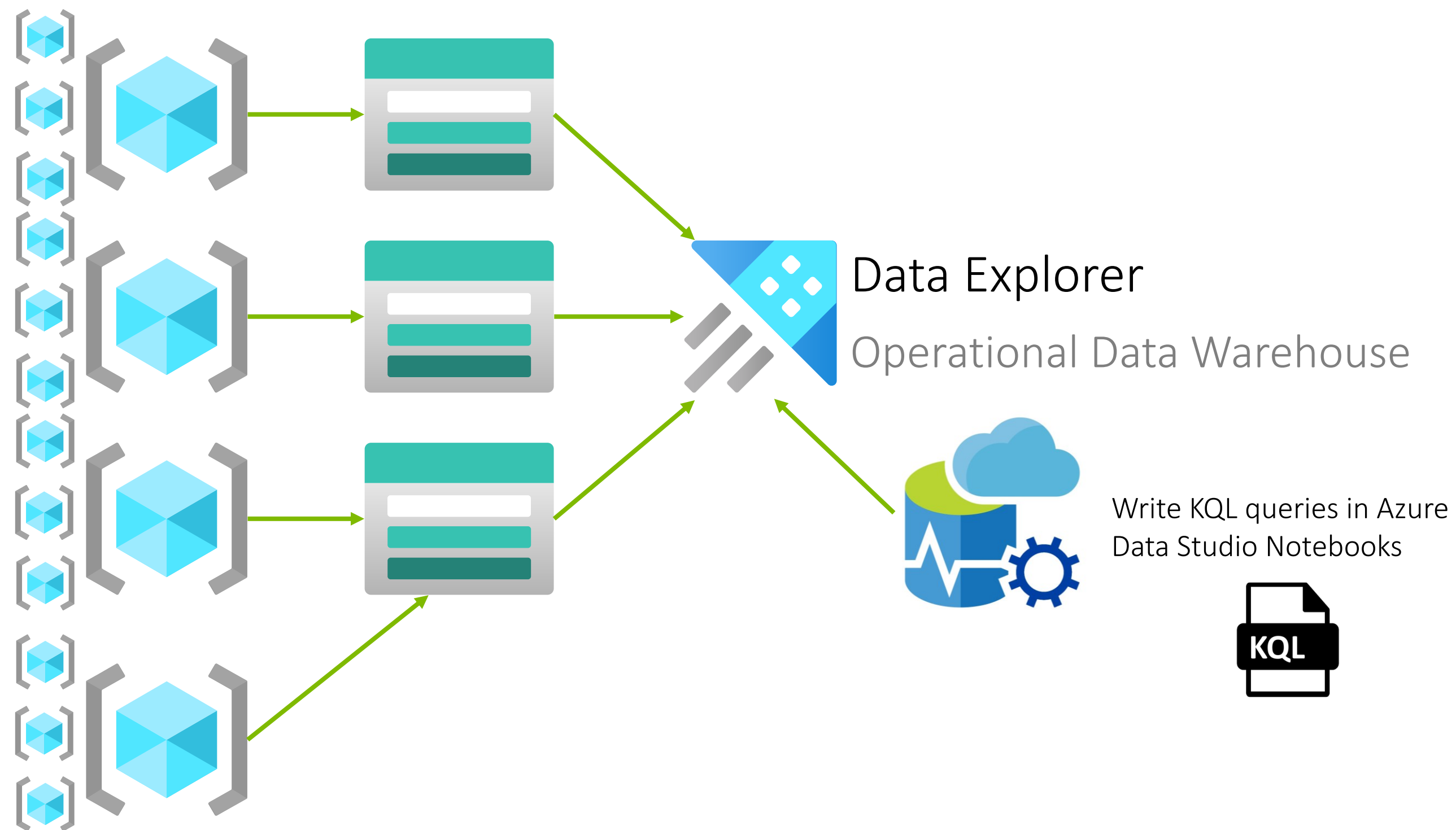
- ProcFwkLogAnalytics
- FrameworkFactory
- FrameworkFactoryDev
- FrameworkKeys
- platformsupport01
- FrameworkMetadataDev (pl...
- frameworksupportstore
- frameworkstorage01
- FrameworkSupportFunctions
- FrameworkFactoryTest
- WorkersFactory
- frameworkonsynapse
- UKSouthPlan
- FrameworkMetadataTest (pl...
- ProcFwkAppInsights
- 9a4fe00e-39d9-4ec8-8f88-5...
- frameworkdatalake01
- sqlvaexht4i7t63enw



Using Data Explorer



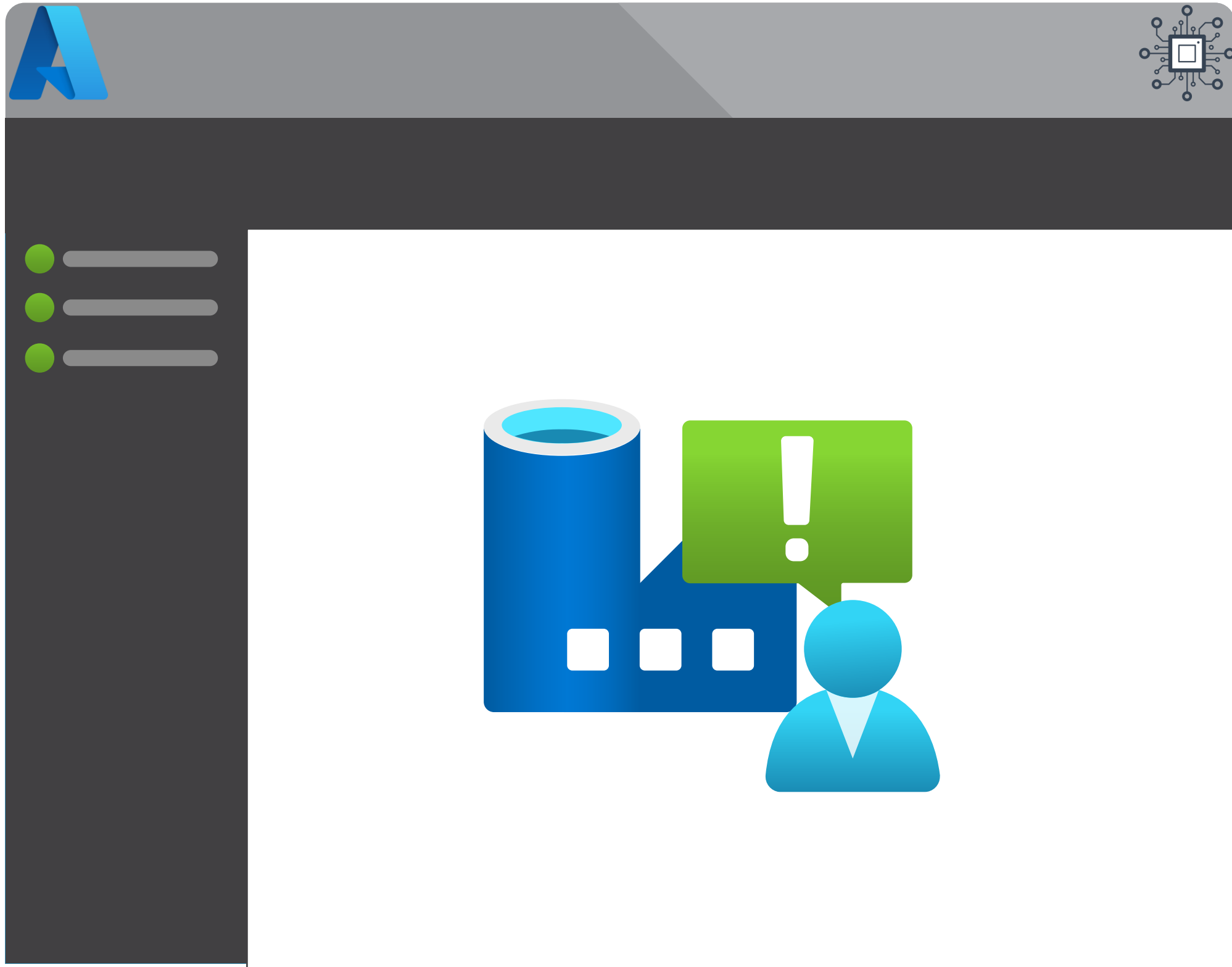
Small/Medium



Large/Enterprise

Module 9

Monitoring & Alerting



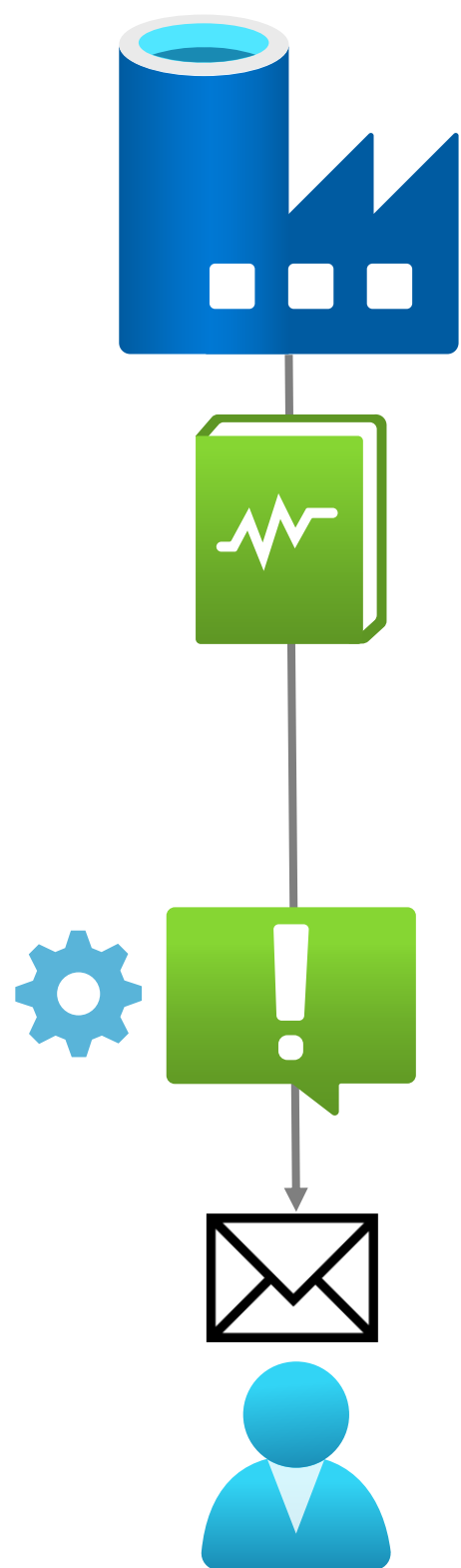
- Portal Monitoring
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- Advanced Alerting



Alerting Options



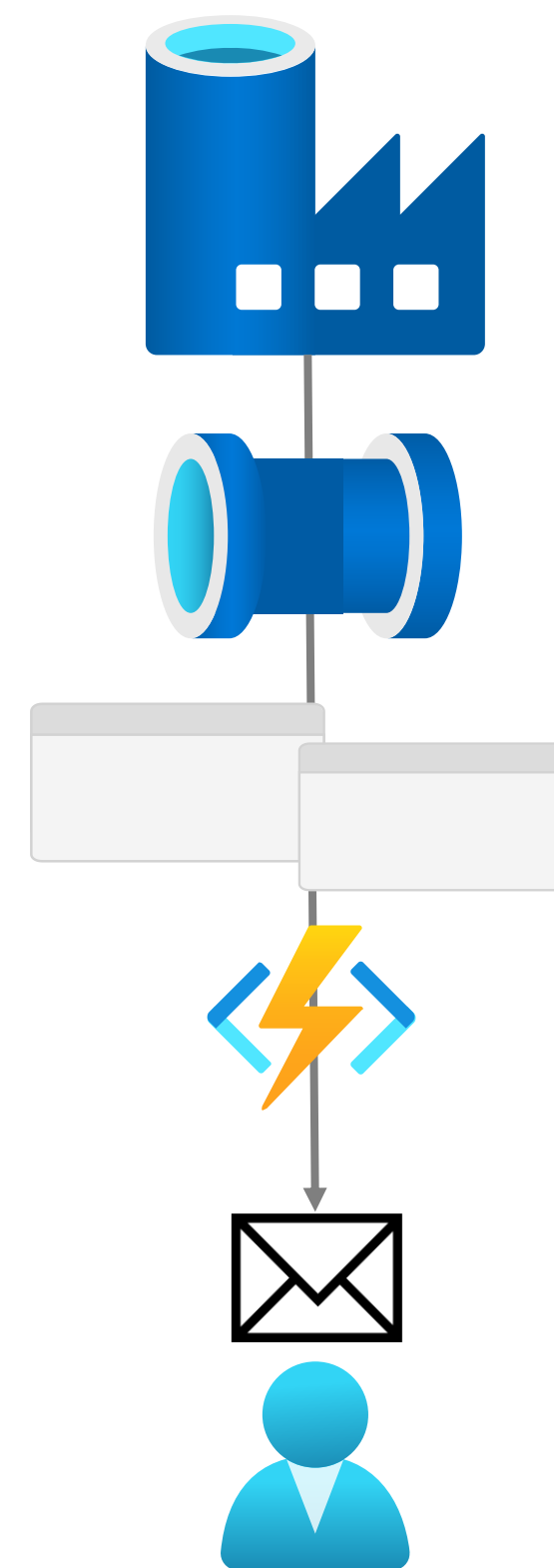
Data Factory Defaults



Custom Queries

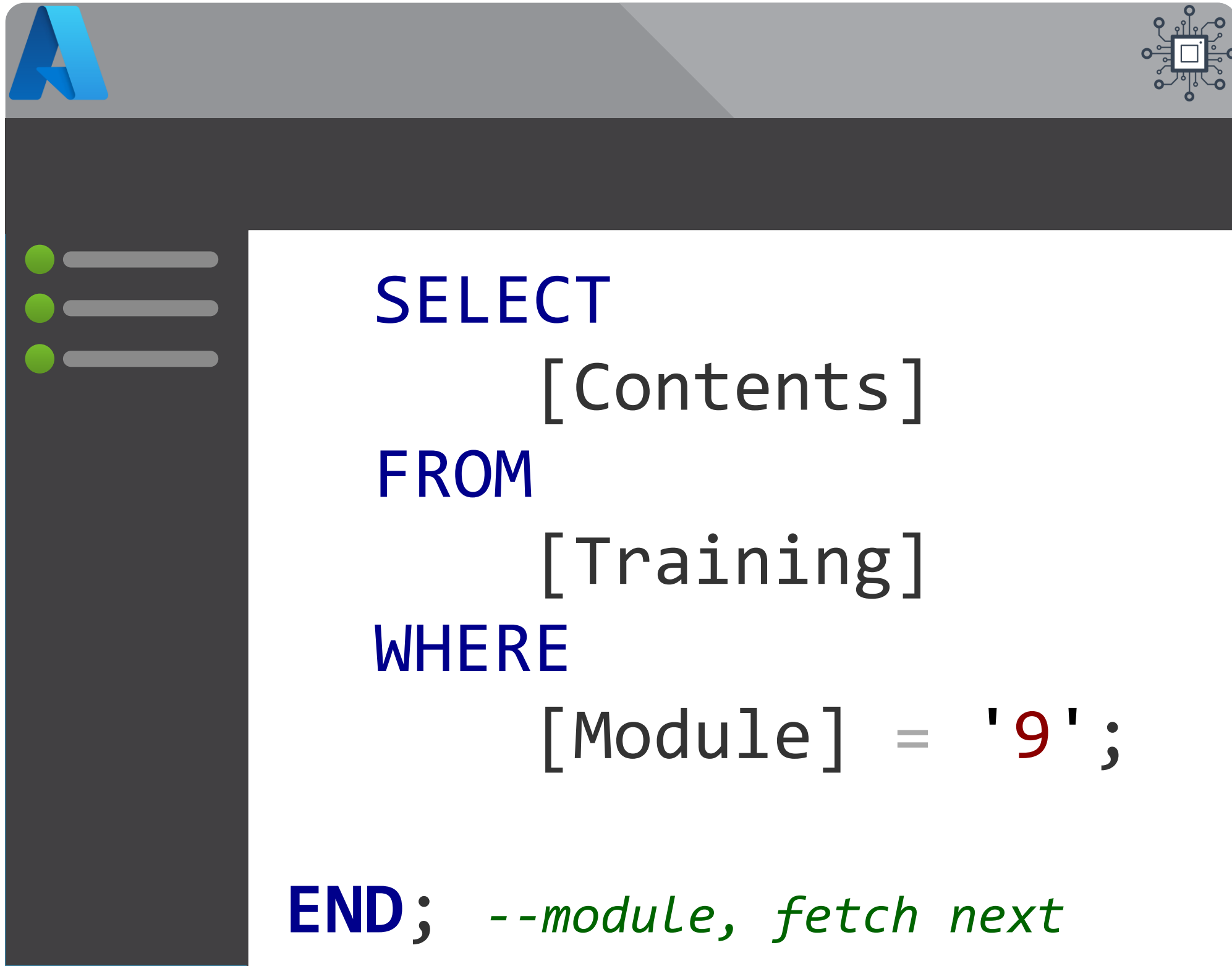


Custom Built Into Pipelines



Module 9

Monitoring & Alerting



- Portal Monitoring
- Log Analytics & Kusto Queries
- Operational Dashboards
- Advanced Alerting