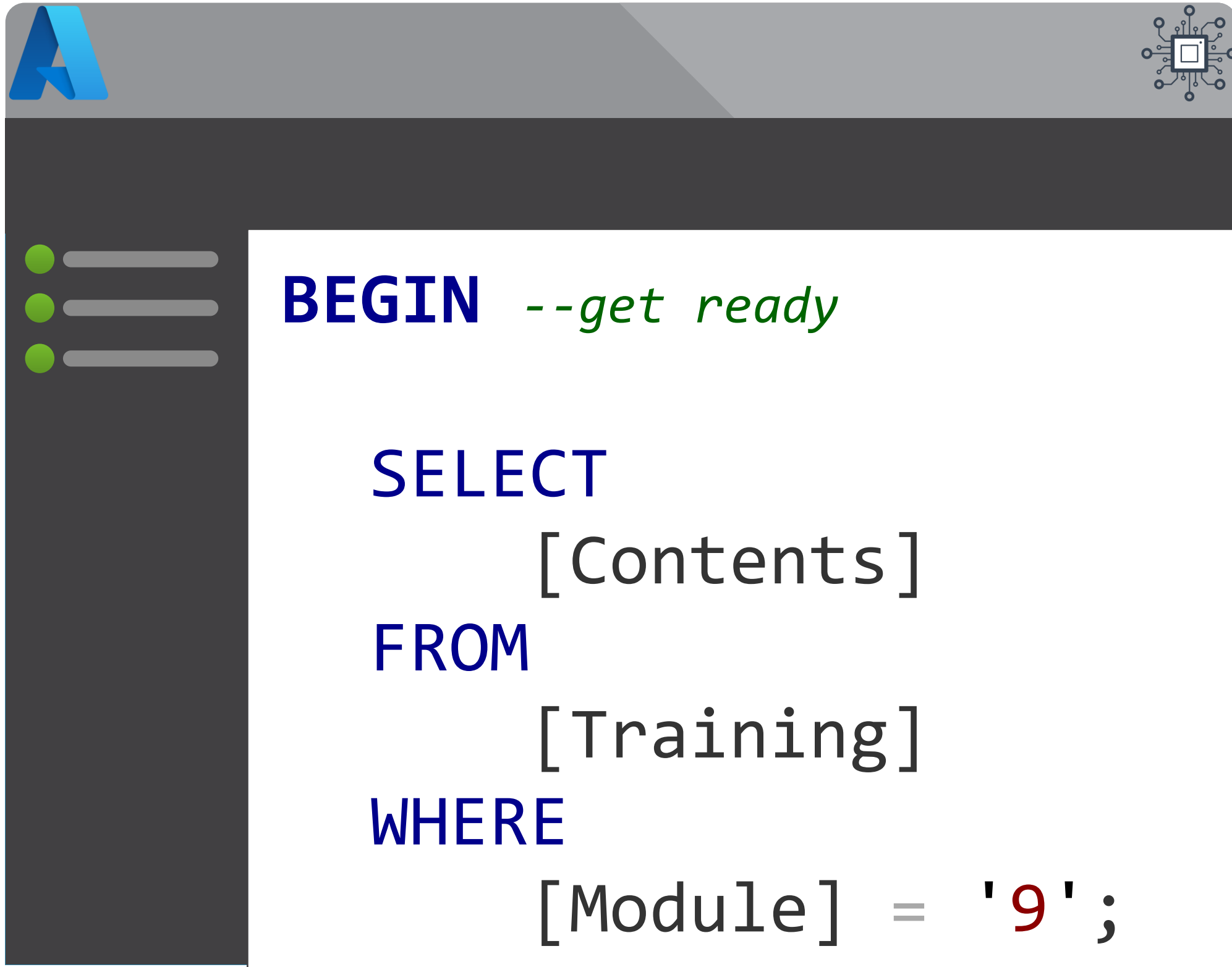


# Module 9

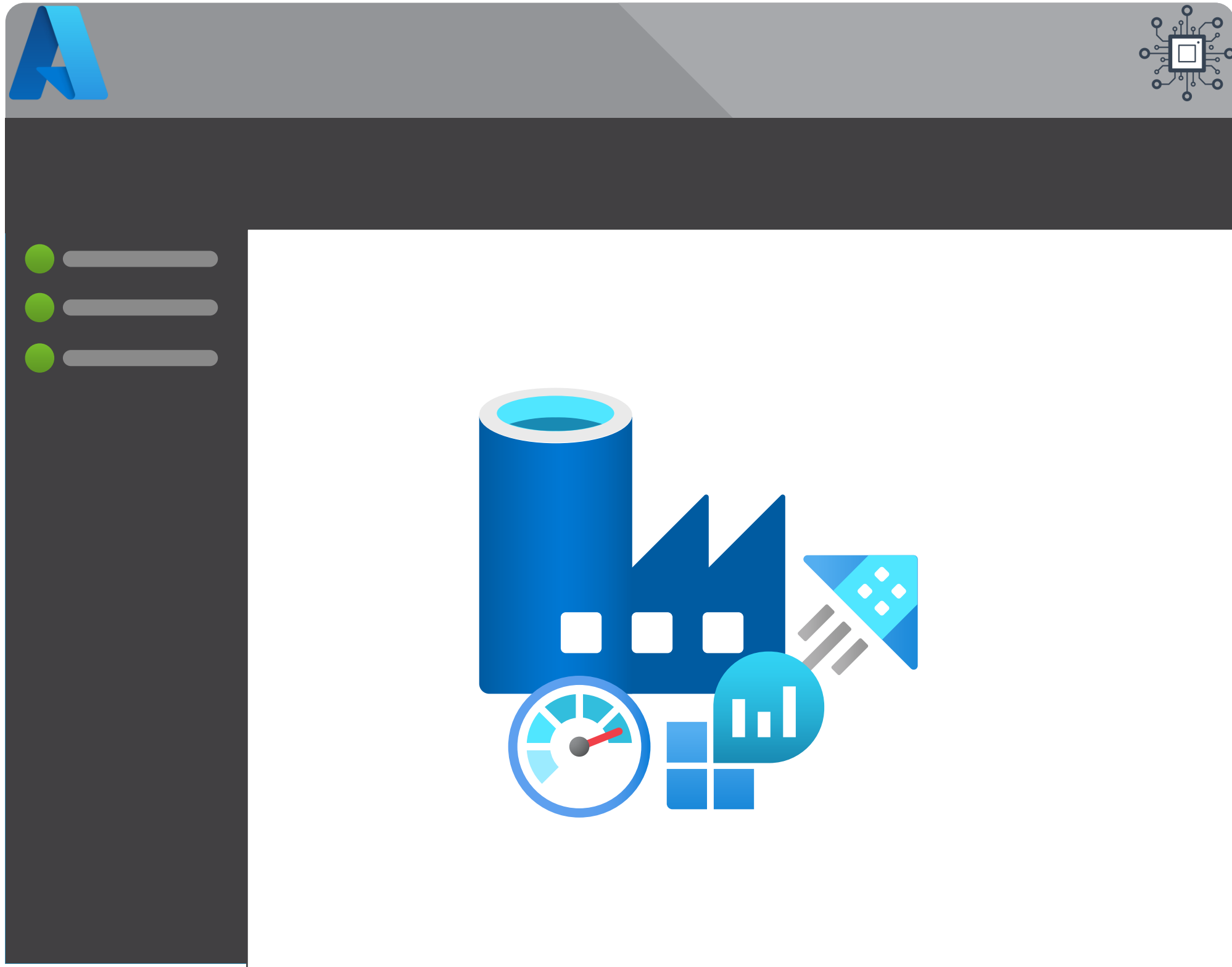
## Monitoring & Alerting



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

# Module 9

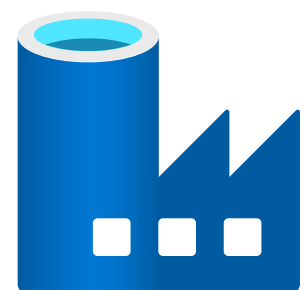
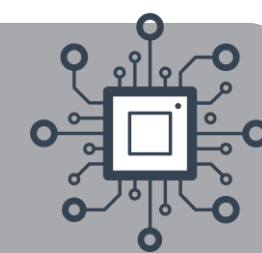
## Monitoring & Alerting



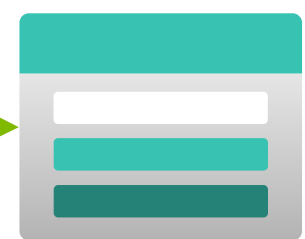
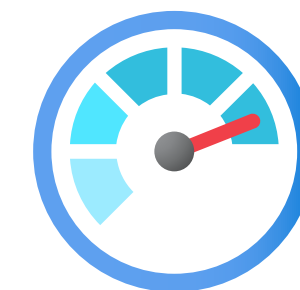
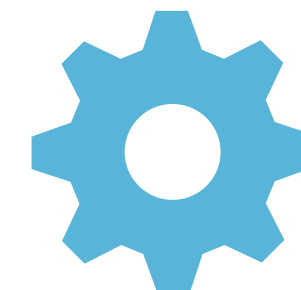
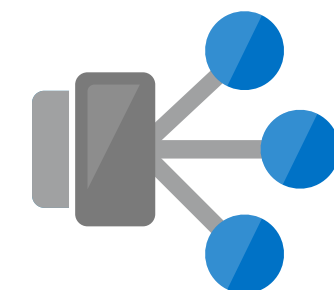
- Studio Monitoring
- Log Analytics & Kusto Queries
- Operational Dashboards
- Advanced Alerting



# Diagnostic Settings



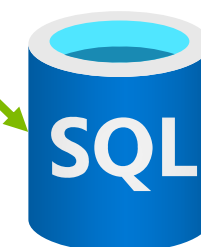
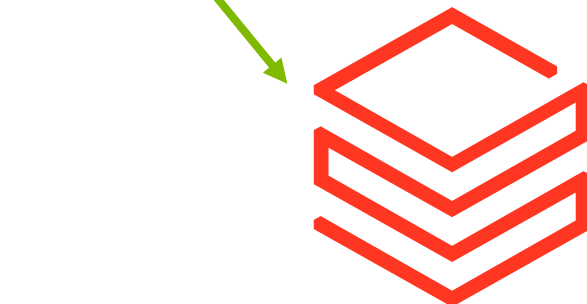
Log Analytics



Storage

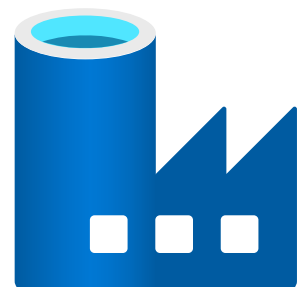
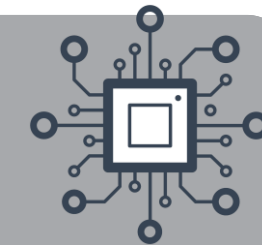


Event Hub

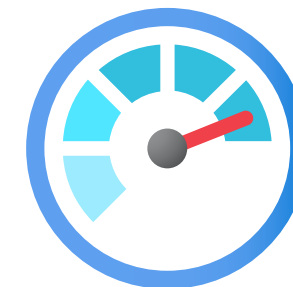
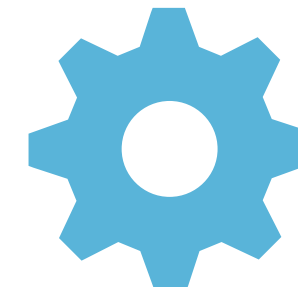
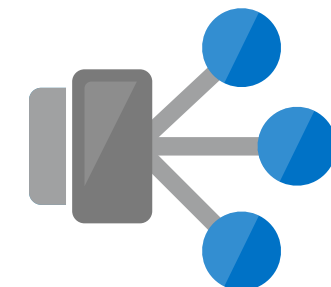




# Diagnostic Settings

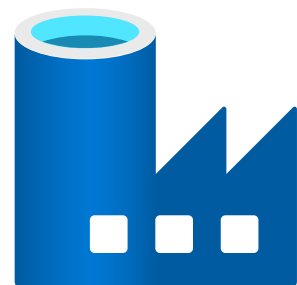
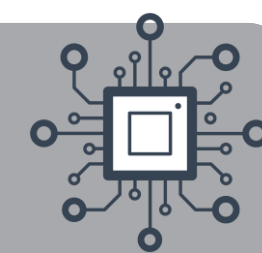


Log Analytics





# Using Log Analytics



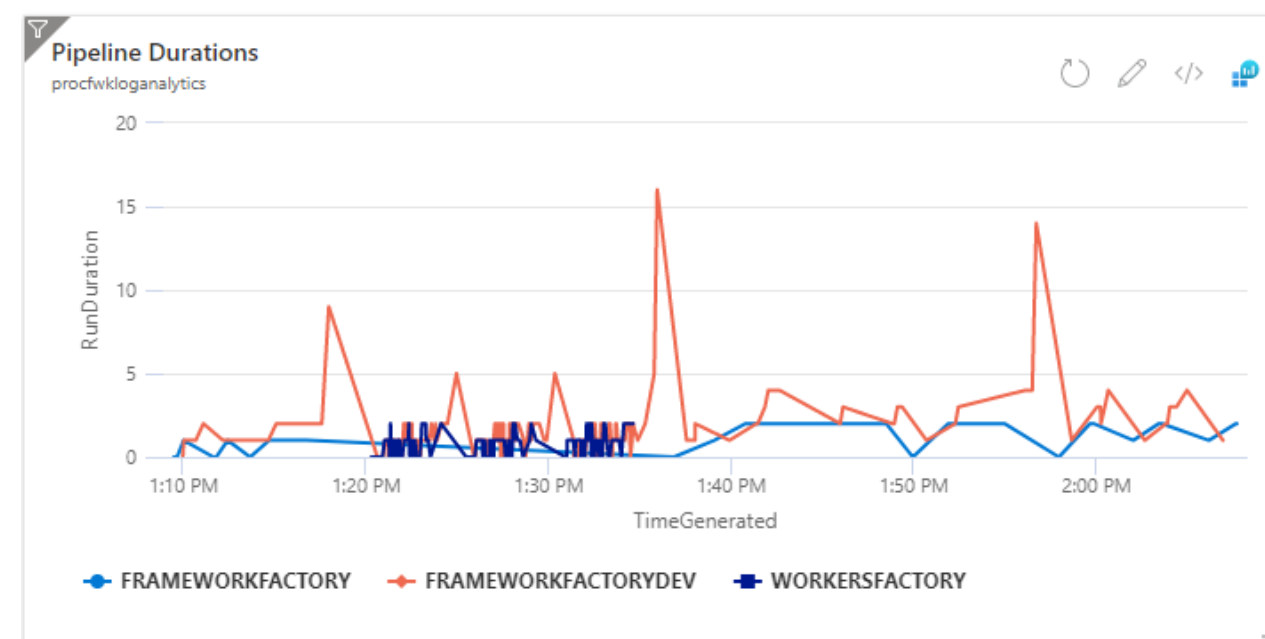
ADFPipelineRunDurations

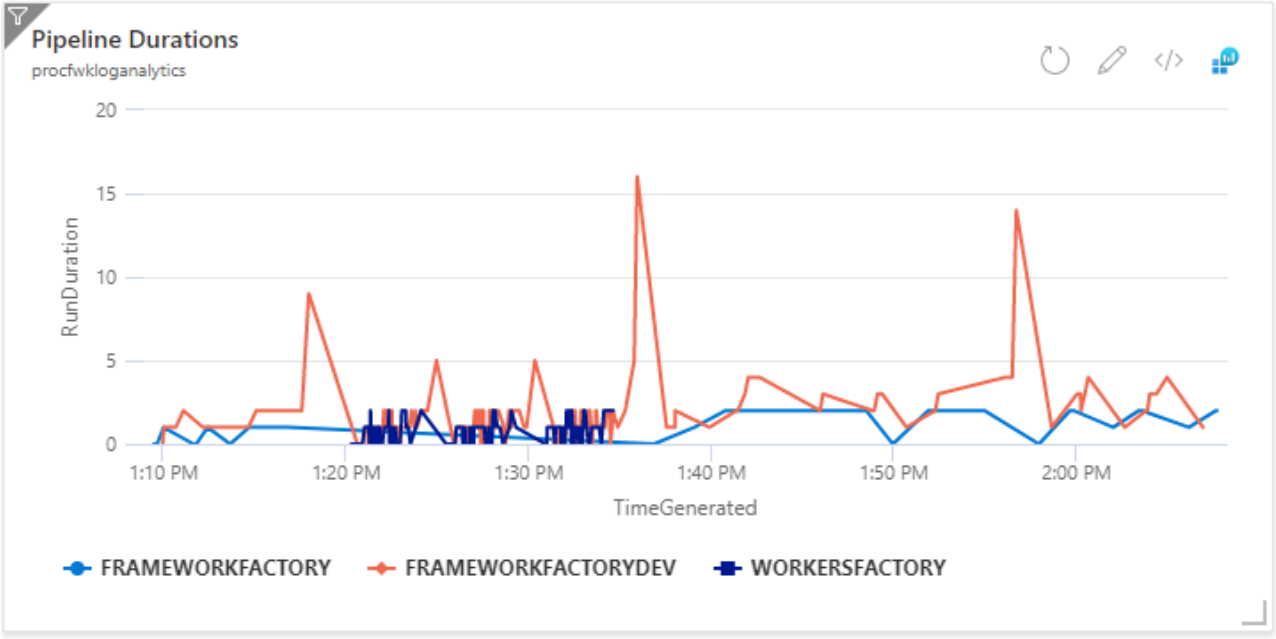
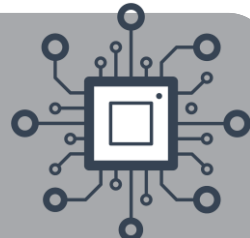
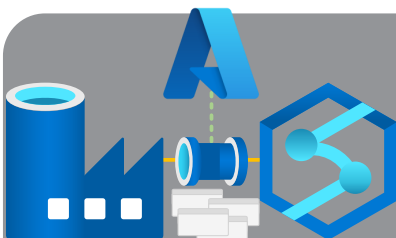
| project

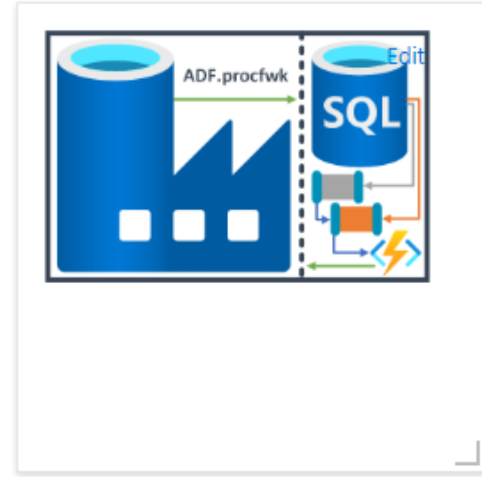
```
TimeGenerated,  
Start,  
End,  
['DataFactory'] = substring(ResourceId, 121, 100),  
Status,  
PipelineName,  
Parameters,  
["RunDuration"] = datetime_diff('Minute', End, Start)
```

| where

```
TimeGenerated > ago(1h)  
and Status !in ('InProgress', 'Queued', 'Cancelling')
```








Resources and Content

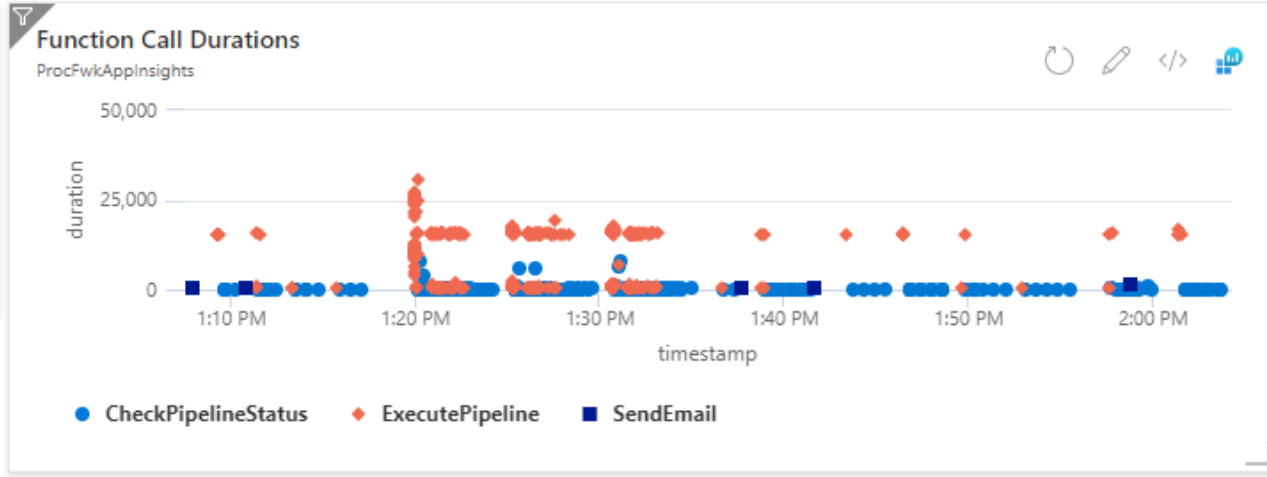

Edit

	Blogs	<a href="http://mrpaulandrew.com/ADF.procfwk">mrpaulandrew.com/ADF.procfwk</a>
	GitHub	<a href="https://github.com/mrpaulandrew/ADF.procfwk">github.com/mrpaulandrew/ADF.procfwk</a>
	Twitter	<a href="https://twitter.com/ADFprocfwk">#ADFprocfwk</a>

FrameworkSupportF...


Function App

Running




ProcFwkAppInsights





Application Insights

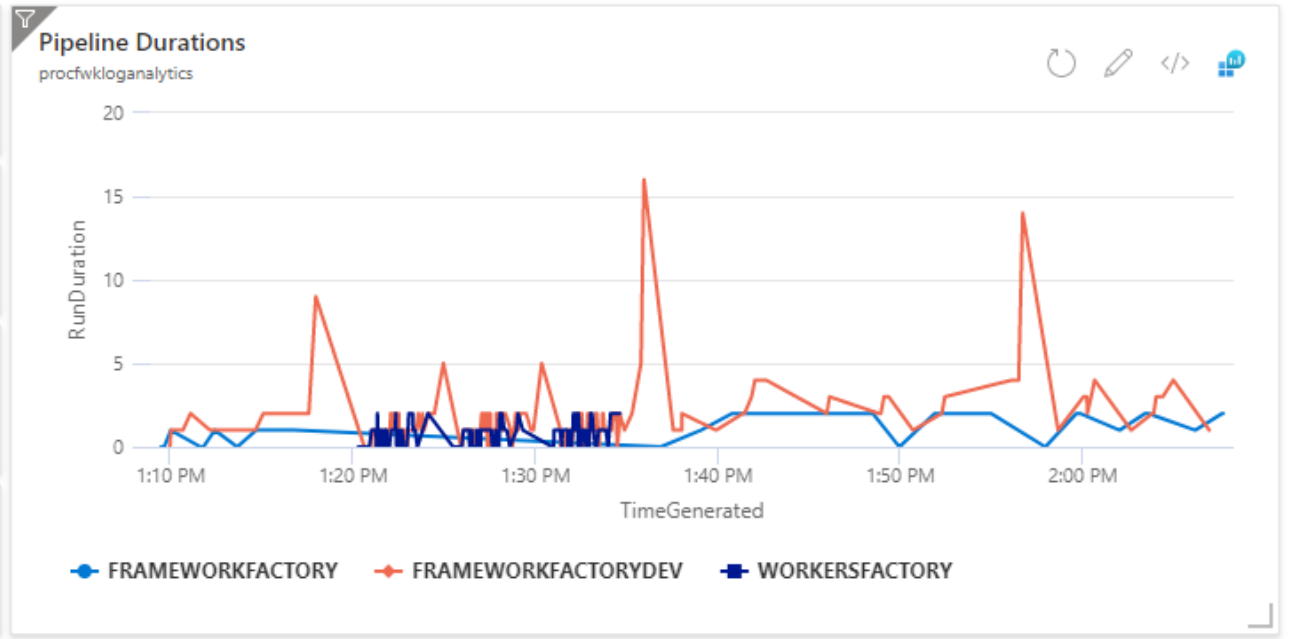


procfwkloganalytics

Workspace



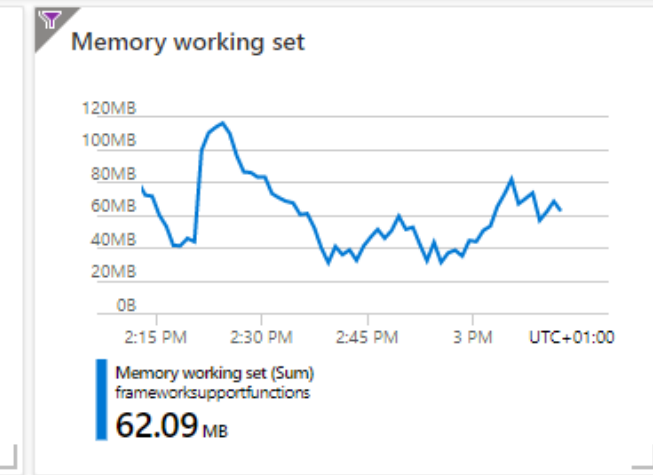
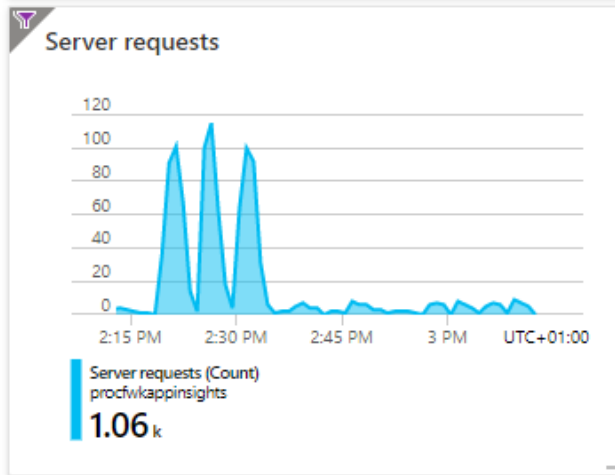
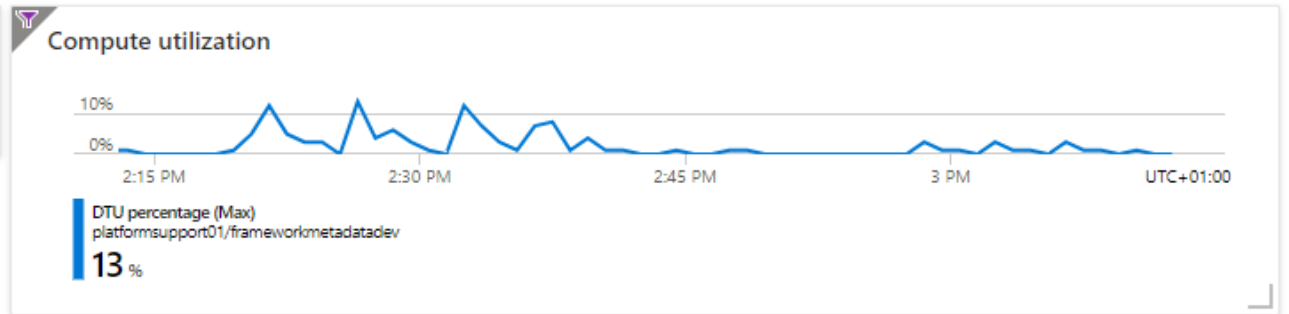

-  FrameworkFactor Data factory
-  FrameworkFactor Data factory
-  FrameworkFactor Data factory
-  WorkersFactory Data factory



FrameworkMetadat...

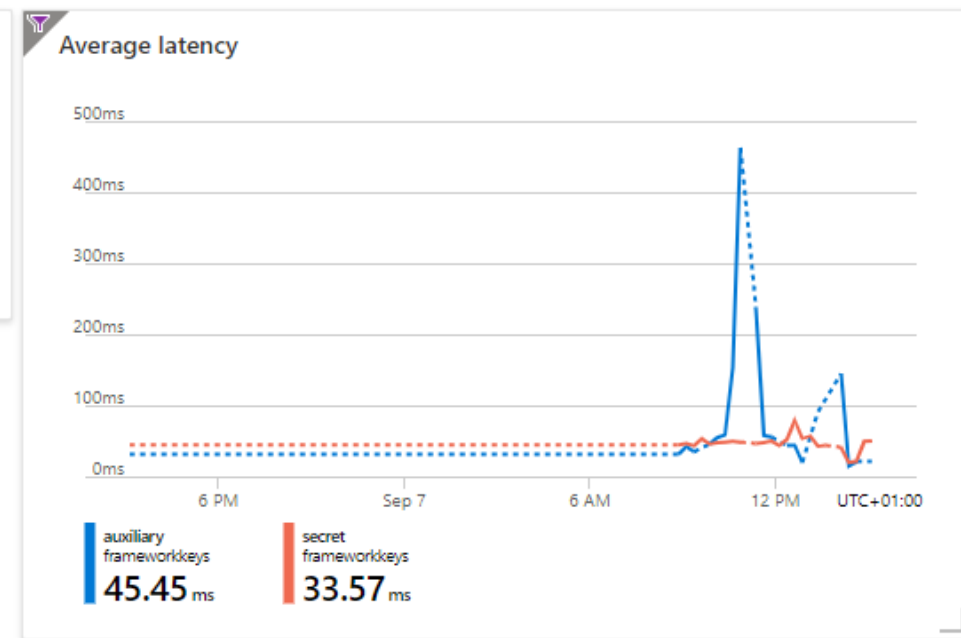

SQL database



















Online

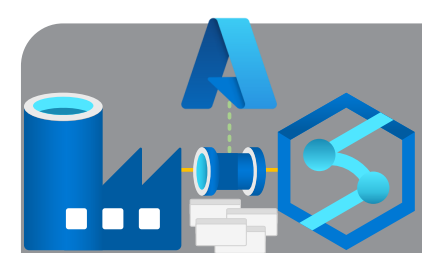


FrameworkKeys

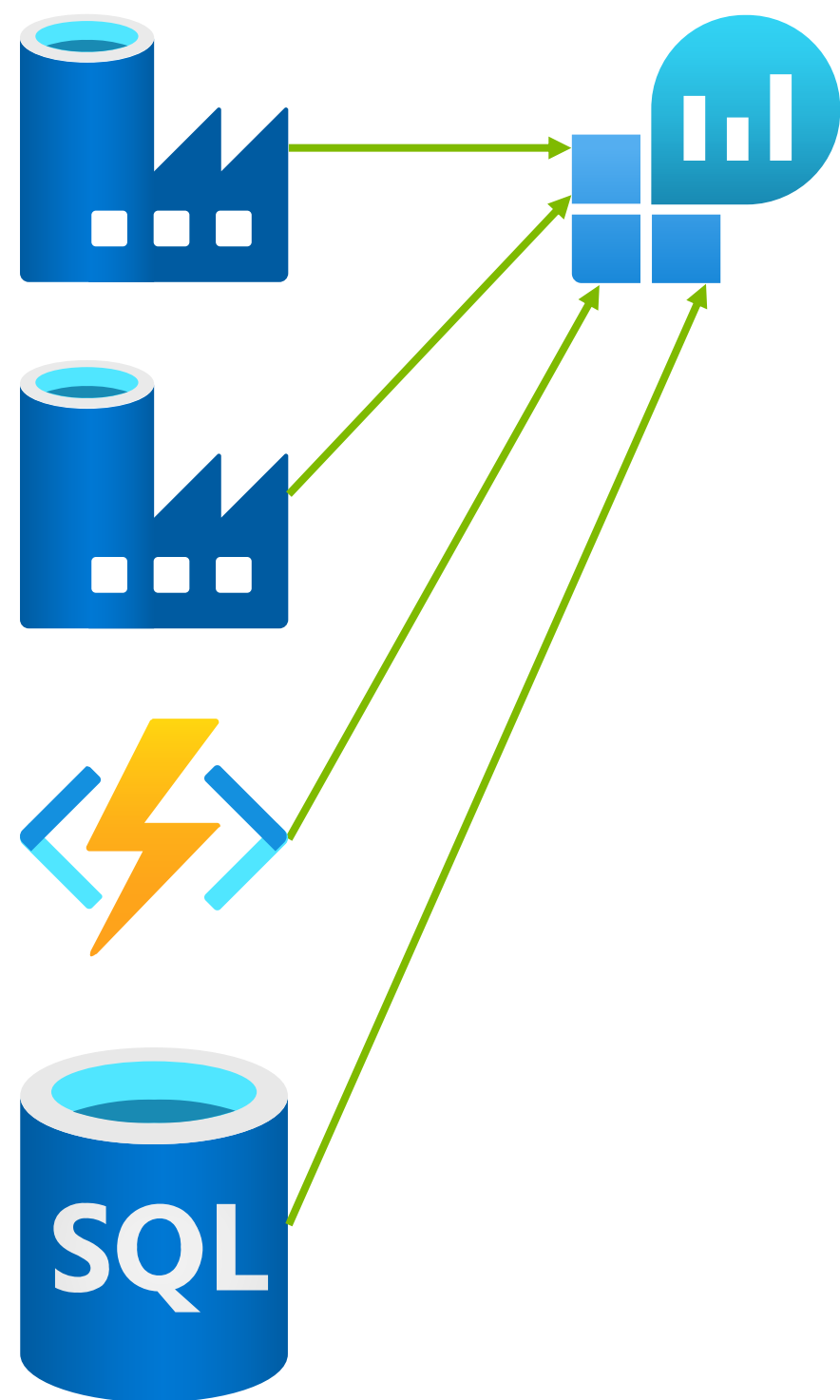
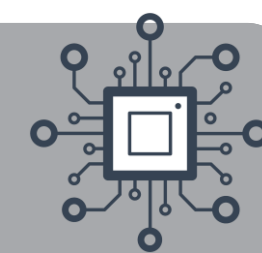
Key vault



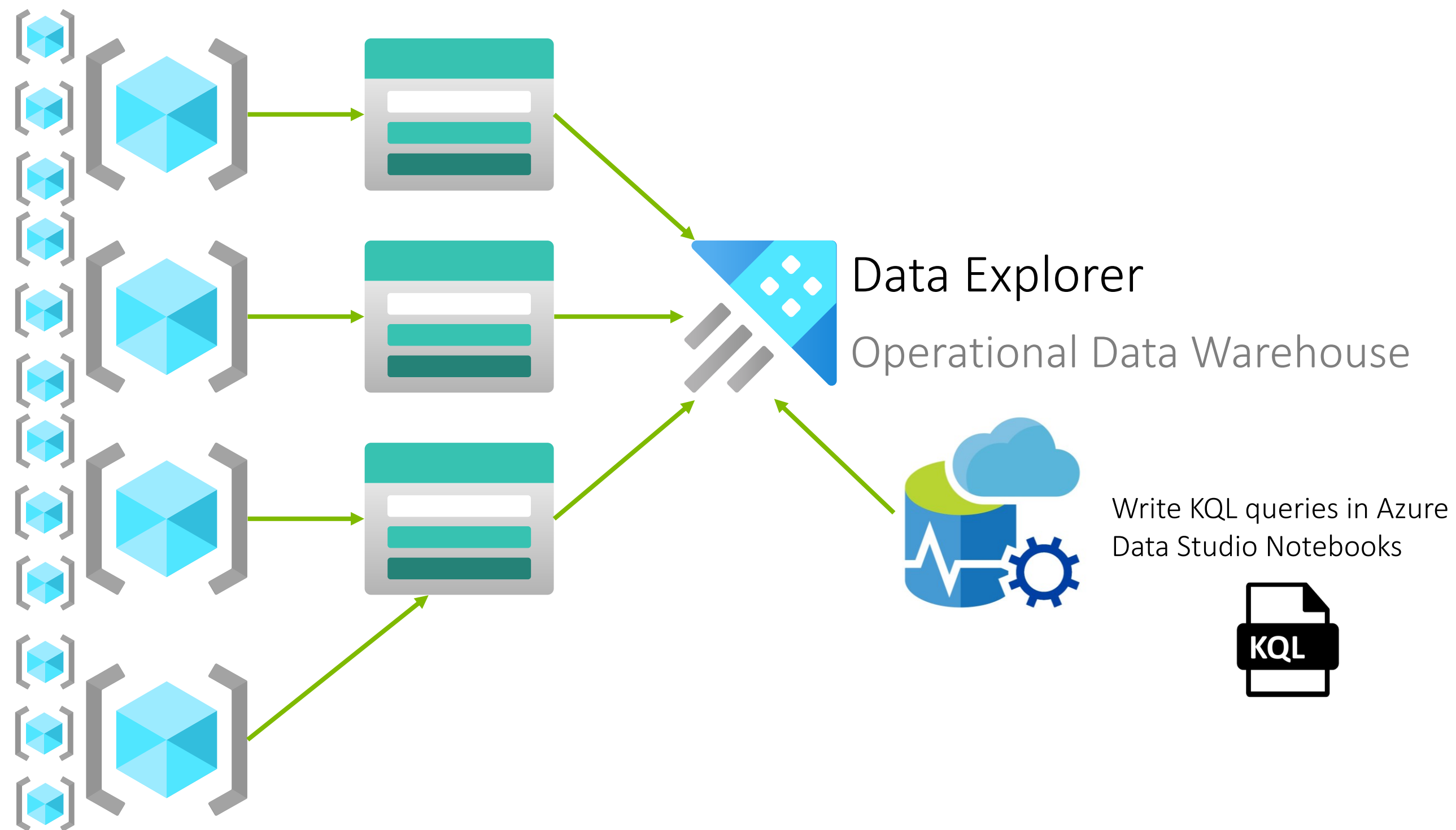
- Resources
- ADF.procfwk
-  ProcFwkLogAnalytics
  -  FrameworkFactory
  -  FrameworkFactoryDev
  -  FrameworkKeys
  -  platformsupport01
  -  FrameworkMetadataDev (pl...
  -  frameworksupportstore
  -  frameworkstorage01
  -  FrameworkSupportFunctions
  -  FrameworkFactoryTest
  -  WorkersFactory
 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



# Using Data Explorer



Small/Medium

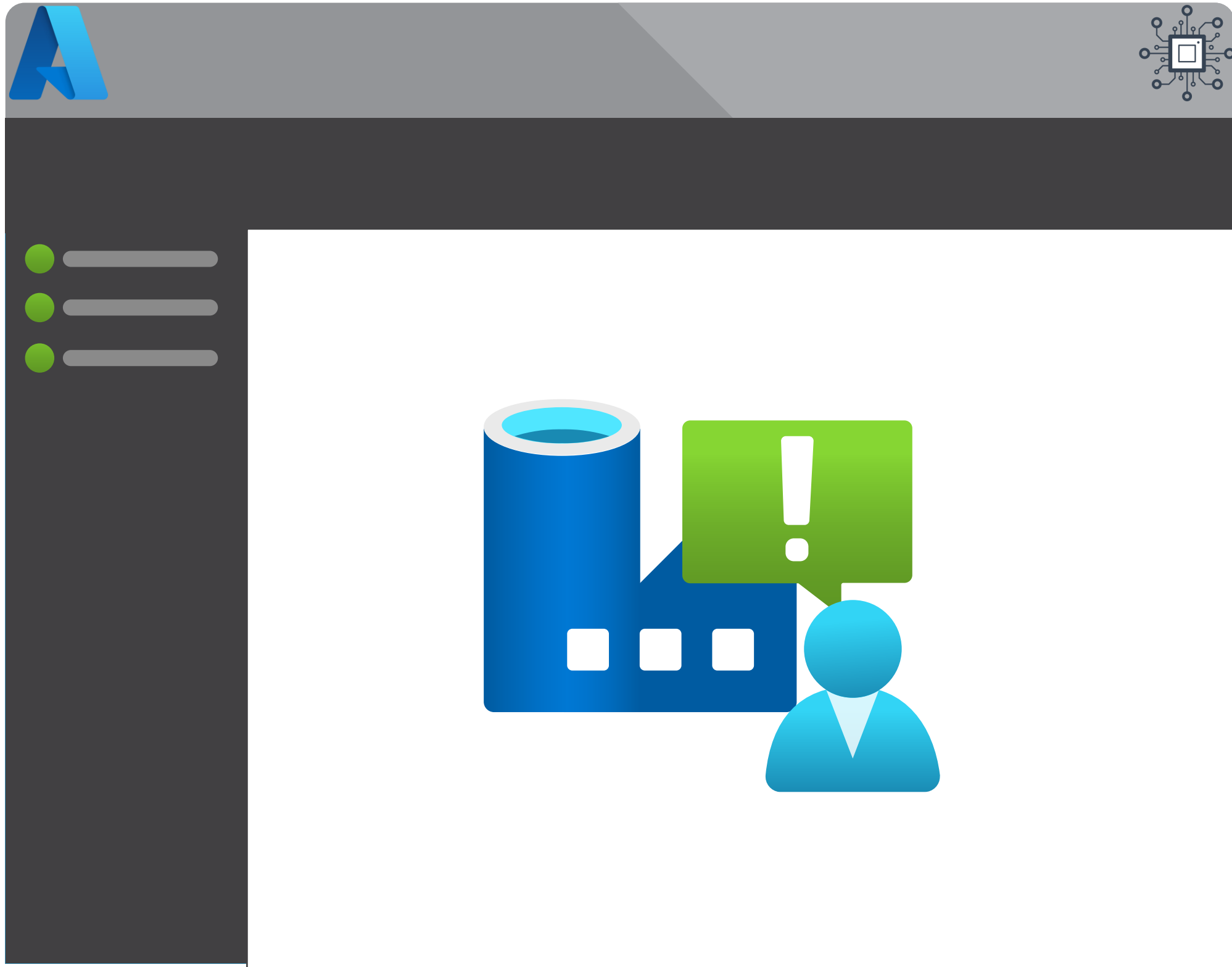


Large/Enterprise



# Module 9

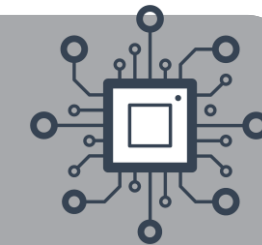
## Monitoring & Alerting



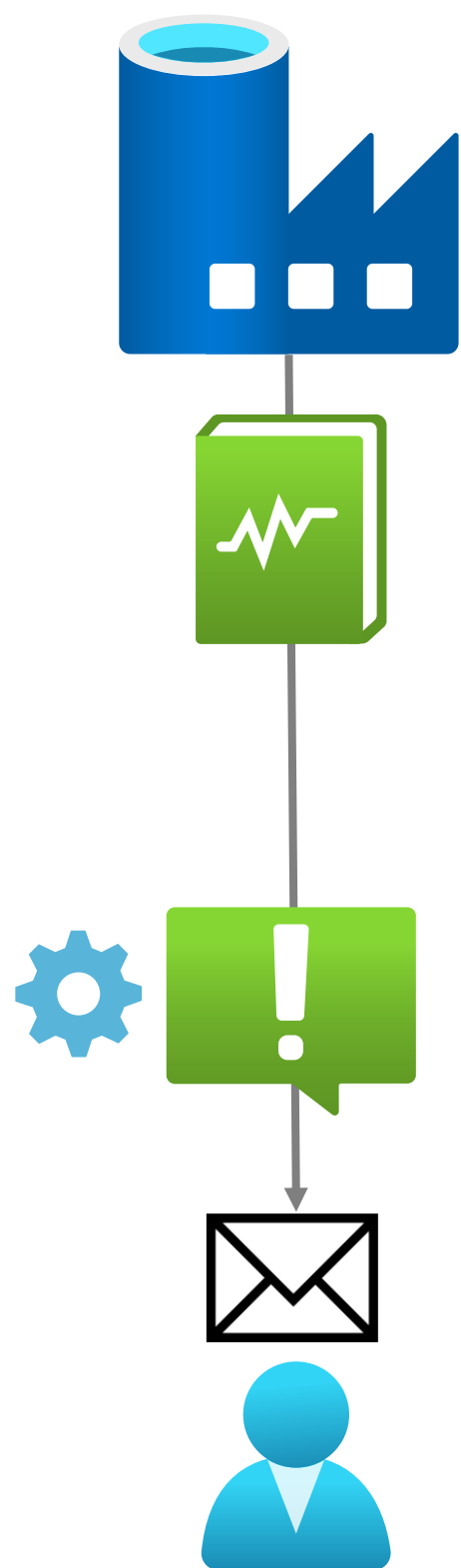
- Portal Monitoring
- Log Analytics & Kusto Queries
- Operational Dashboards
- Advanced Alerting



# Alerting Options



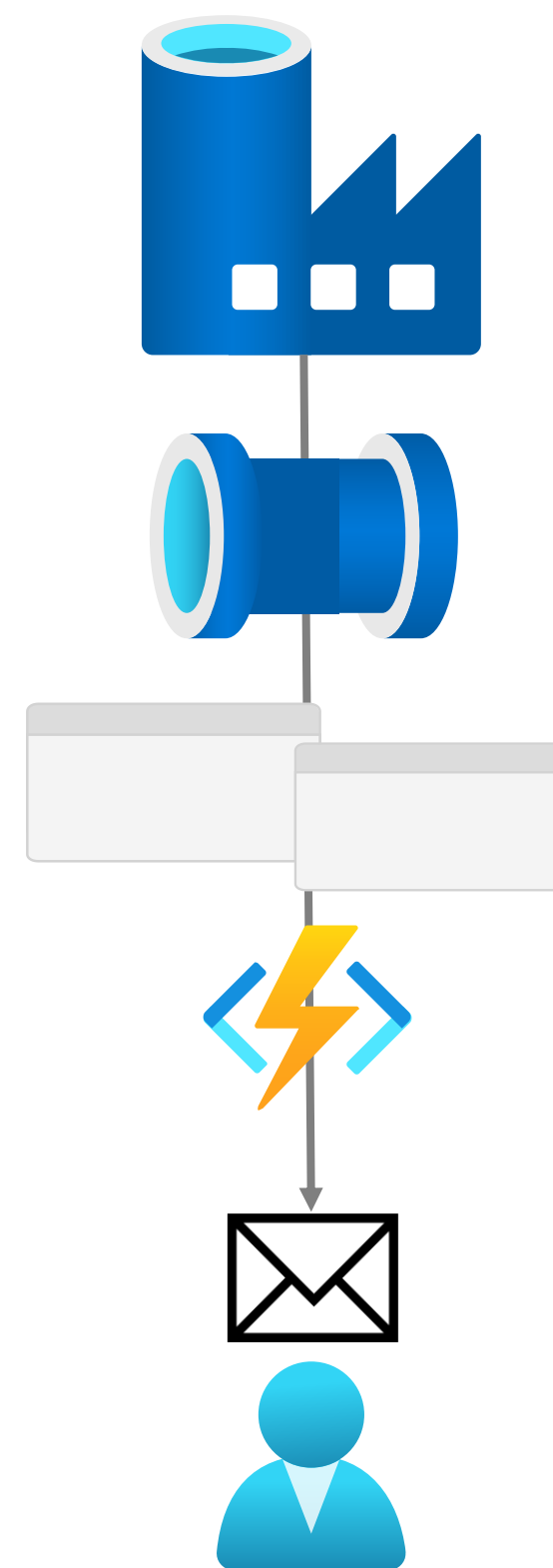
## Data Factory Defaults



## Custom Queries

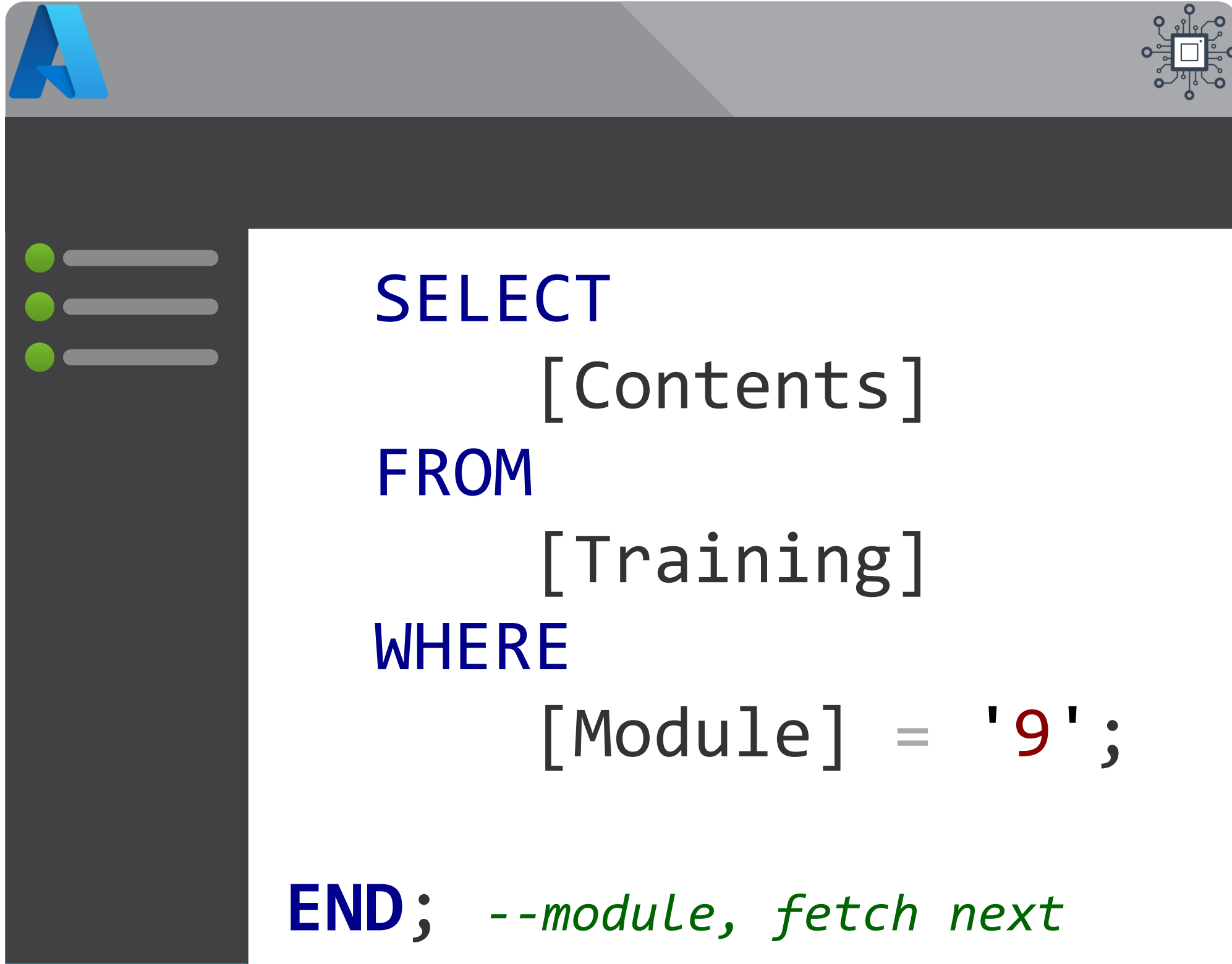


## Custom Built Into Pipelines



# Module 9

## Monitoring & Alerting



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