

Implementing a Microsoft Azure Cognitive Search Solution

AN INTRODUCTION TO AZURE COGNITIVE SEARCH



Sahil Malik

WWW.WINSMARTS.COM

@sahilmalik



Overview



What is Azure Cognitive Search?

Using Azure Cognitive Search

Demos

- Provision Azure Cognitive Search
- Create an Index
- Import Searchable Data
- Execute Search Queries



What is Azure Cognitive Search?



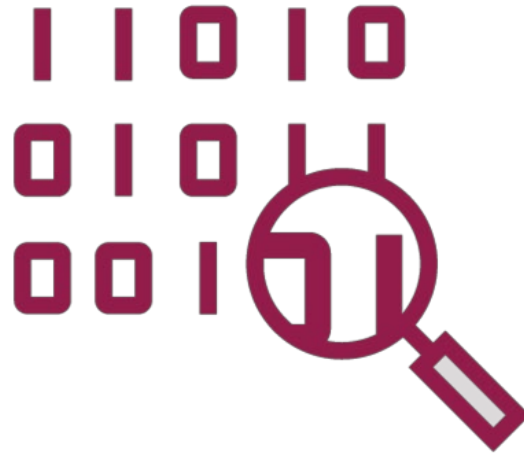
Azure cognitive search is a search-as-a-service cloud solution



Other Search Products



Bing



Cognitive services
web search

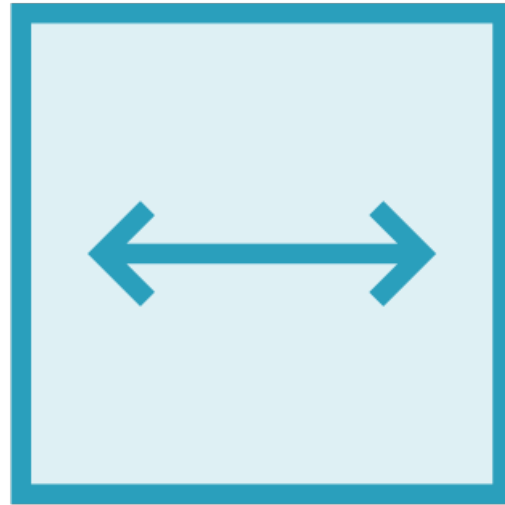


Azure Cognitive
Search

Azure Cognitive Search



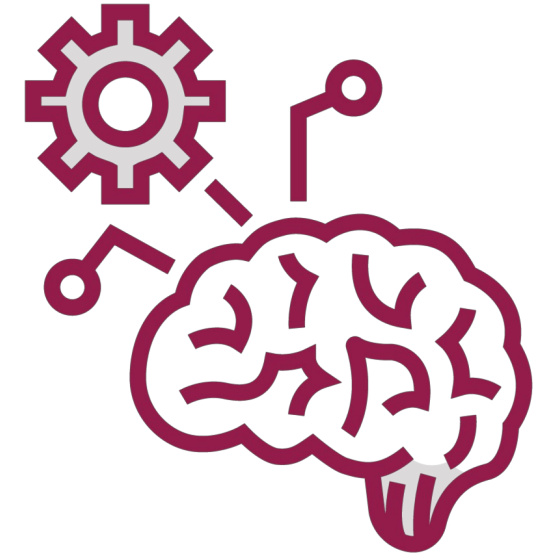
Private



Web, Mobile,
and Enterprise



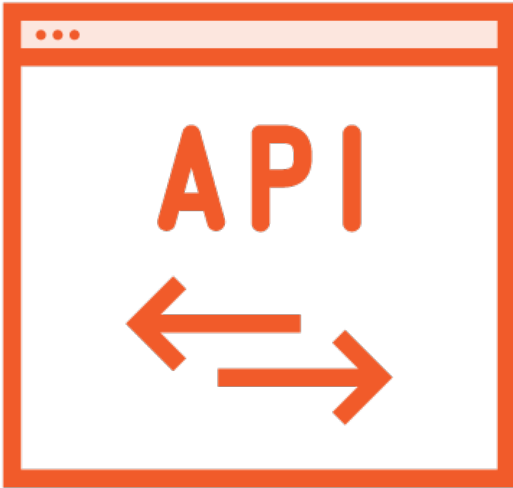
User Defined
Index



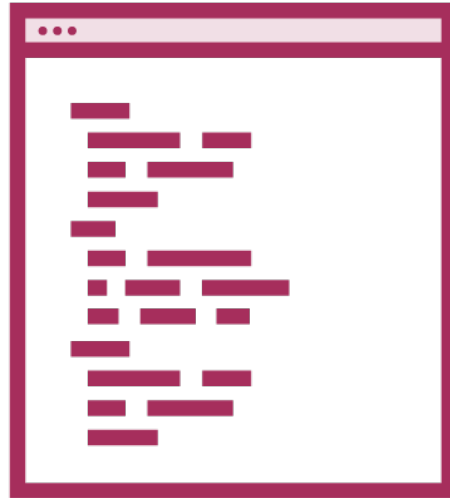
AI enrichment



Developer Experience



REST APIs



SDKs



The Azure Portal



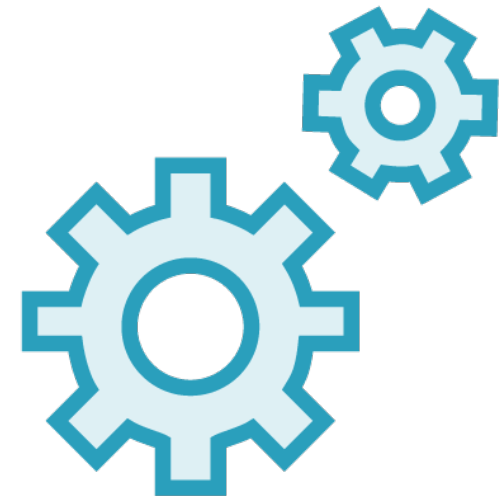
Free Form Text Search



Full Text Search



Simple Query Syntax



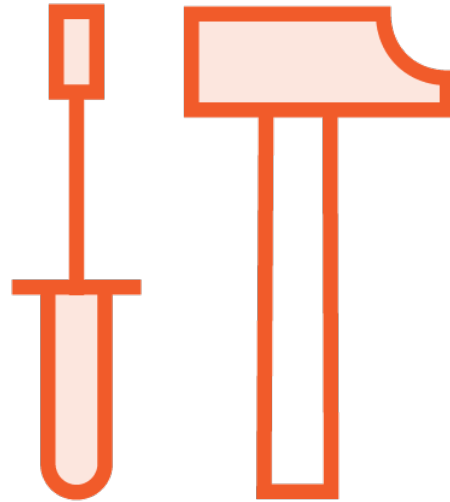
Lucene Query Syntax



Enterprise ready solution



Monitoring and
Reporting



A Rich Set of Tools

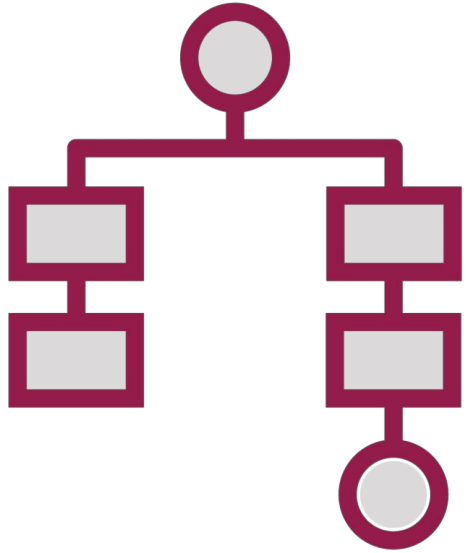


Infrastructure

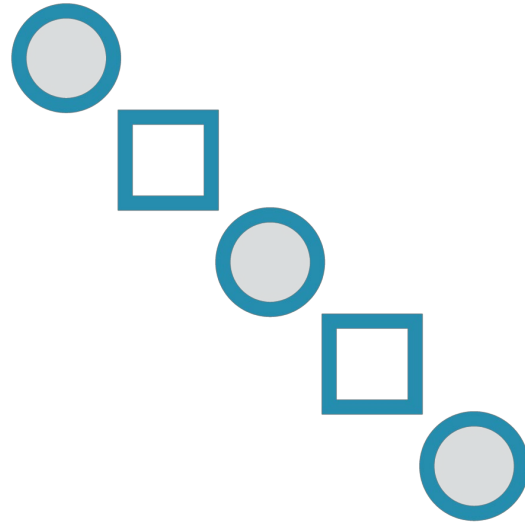
Using Azure Cognitive Search



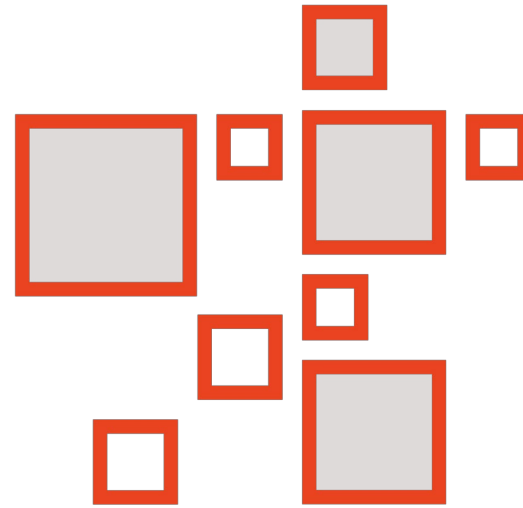
Uses



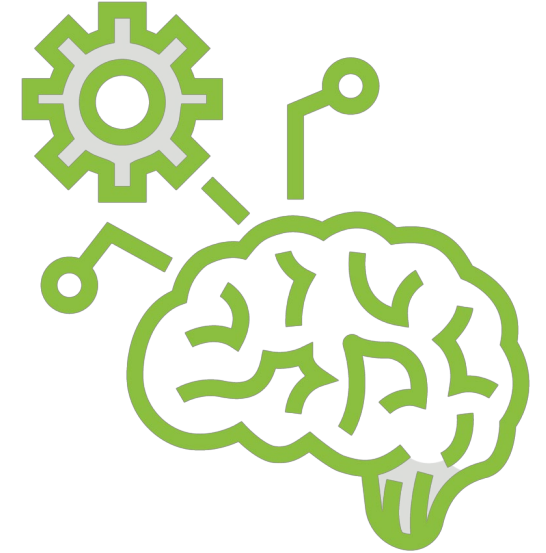
Structured data



Heterogenous
data



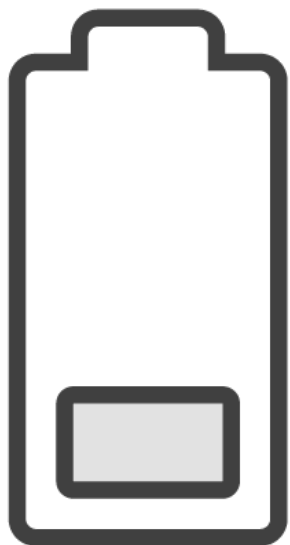
Unstructured
data



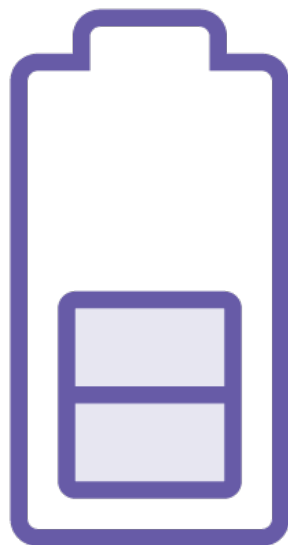
AI



Using Azure Cognitive Search



Provision
Service



Create Index



Load Data



Search



Load Data



Push



Pull

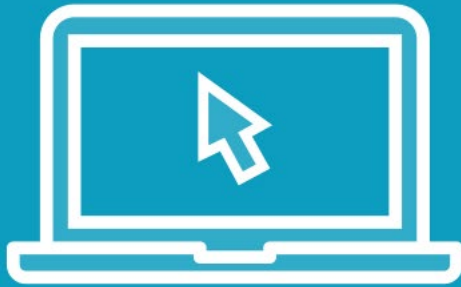


AI Enrichment

- Make sense of unstructured data
- Attach cognitive skills to the pipeline



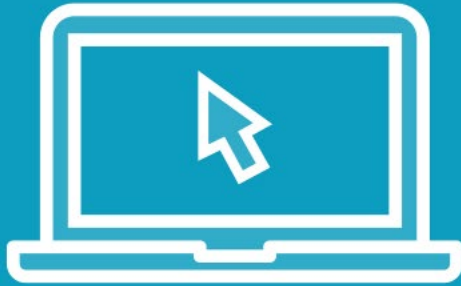
Demo



Provision Azure Cognitive Search



Demo



Create an Azure Search Index



Demo



Import Data



Demo



Execute a Search



Summary



What is Azure Cognitive Search?

Using Azure Cognitive Search

Demos

- Provision Azure Cognitive Search
- Create an Index
- Import Searchable Data
- Execute Search Queries

