Creating Search Experiences with Azure Search

AN INTRODUCTION TO AZURE SEARCH

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Overview

An Overview of Azure Search

Create a Search Service

Key Search Concepts

Search Usages

Internet Search

Textual Searches

CRM

OCR Data

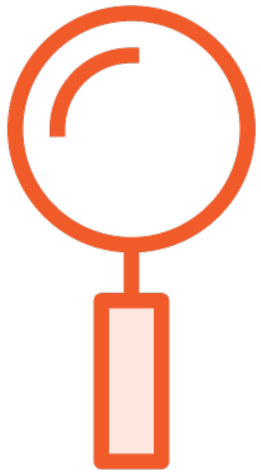
Location Searches

Product Searches

Why Should I Consider Azure Search?

Search Features

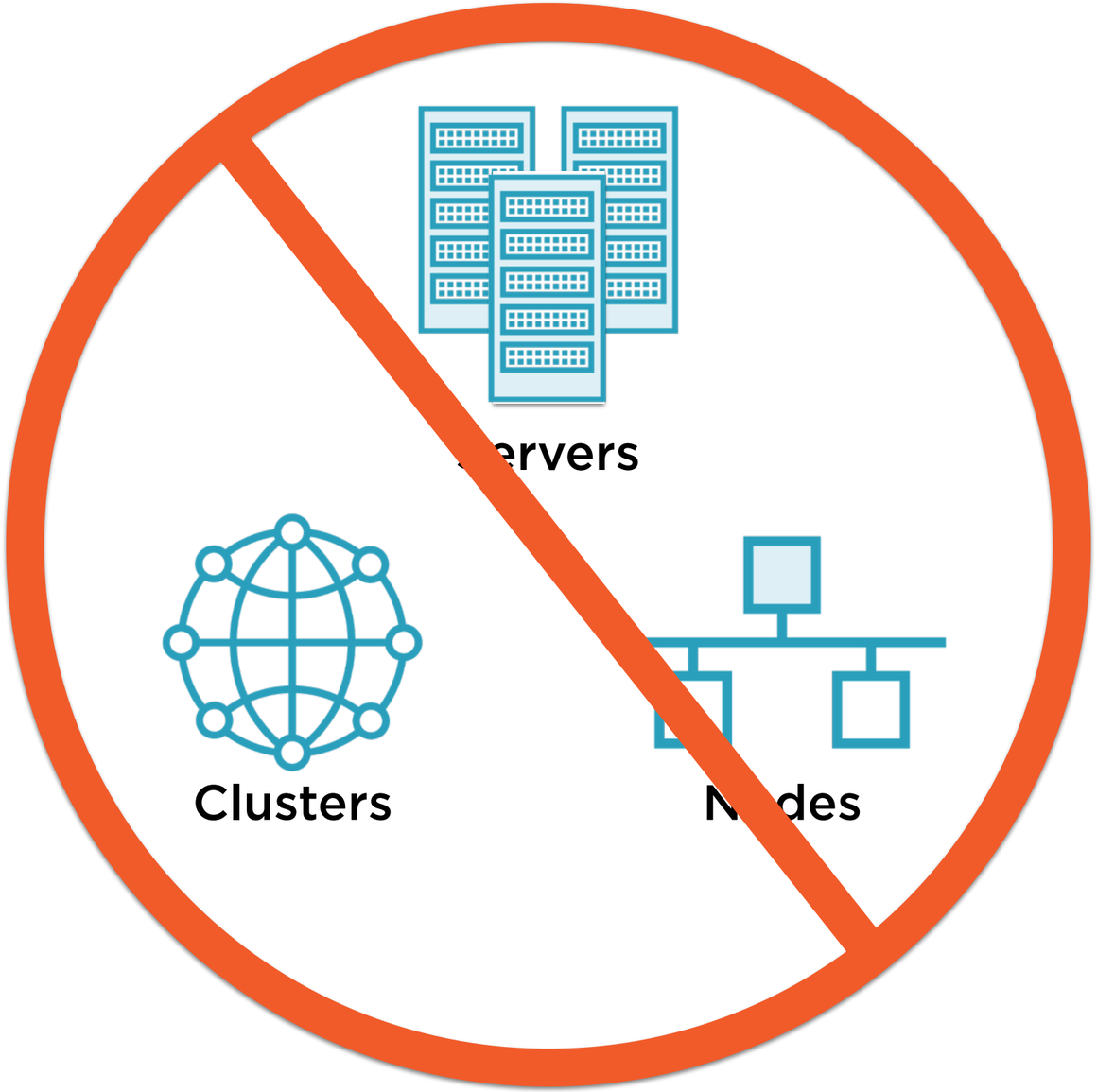
Scalability



Query Abilities

Search Navigation

Scalability

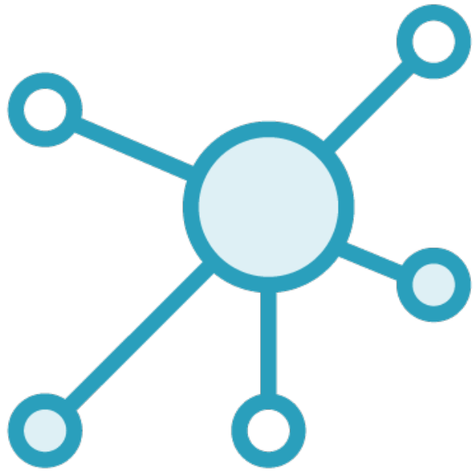


Scalability

Manually

Azure Portal

Programmatically



Azure Search Management APIs

Query Abilities

Natural language processing

Search recommendations

Geosearch support

Scoring profiles

Natural Language Processing

Go My Query

- Jackalobe Ale
- Jackalobe Go Bock
- Gone Jackalobe Porter
- Jackalobe Going Stout
- Jackalobe Went Dunkel

word breaking

compound words

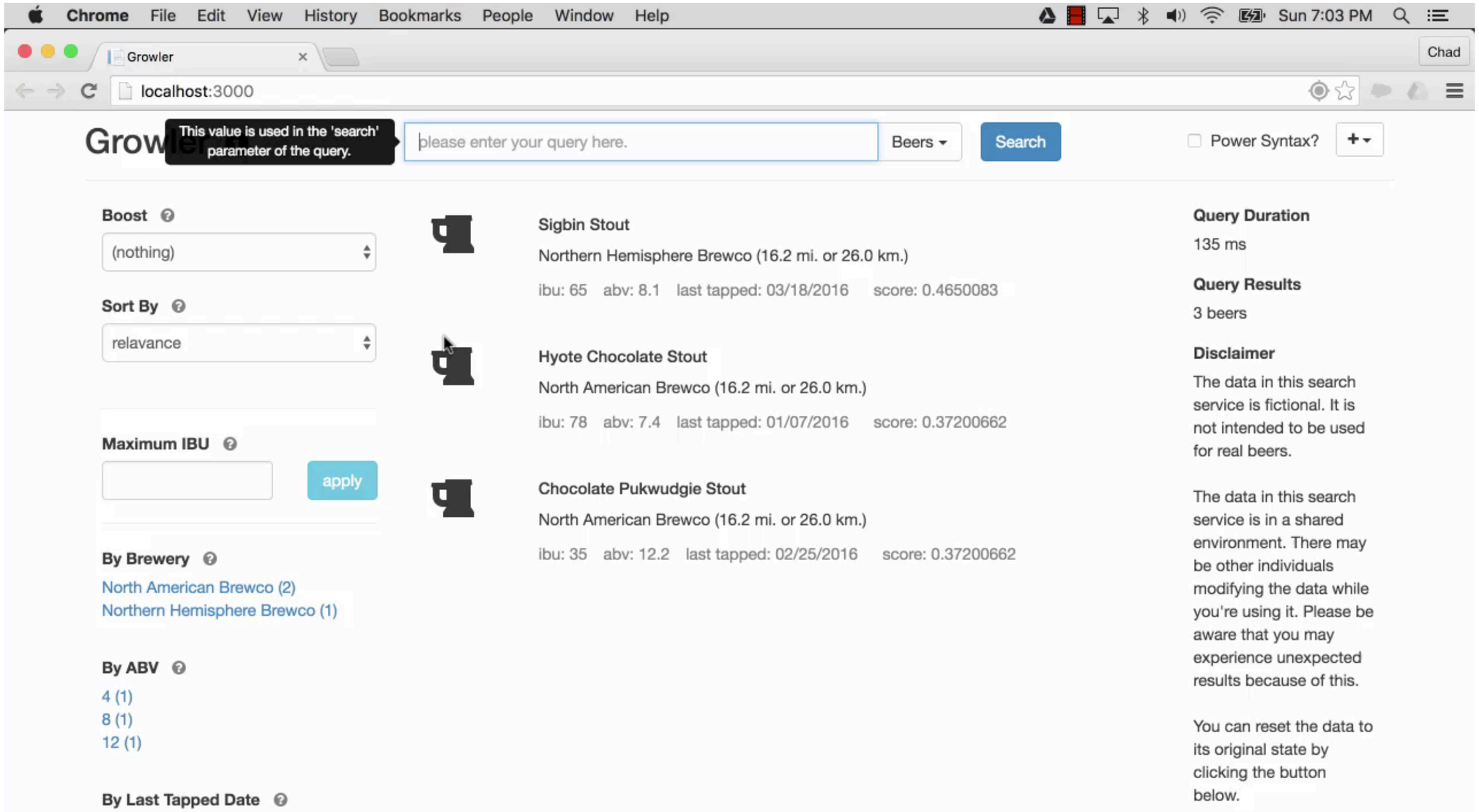
understanding dates and times

time tested

reliable

it works

Search Recommendations



Geospatial Searches

Around a Point

Within an Area

Scoring Profiles

317 Maple St.

2 stories

734 Pine Road

1 story

5721 Oak Lane

2 stories

Navigating Search Results

Faceted Navigation

Paging

Hit Highlighting

Paging

Jackalobe Lager

abv: 3.3

Pope Lick Porter

abv: 6.5

Sigbin Stout

abv: 8.1

Page: 1 2 3

Paging

Ahool Ale

abv: 3.3

Aswang Ale

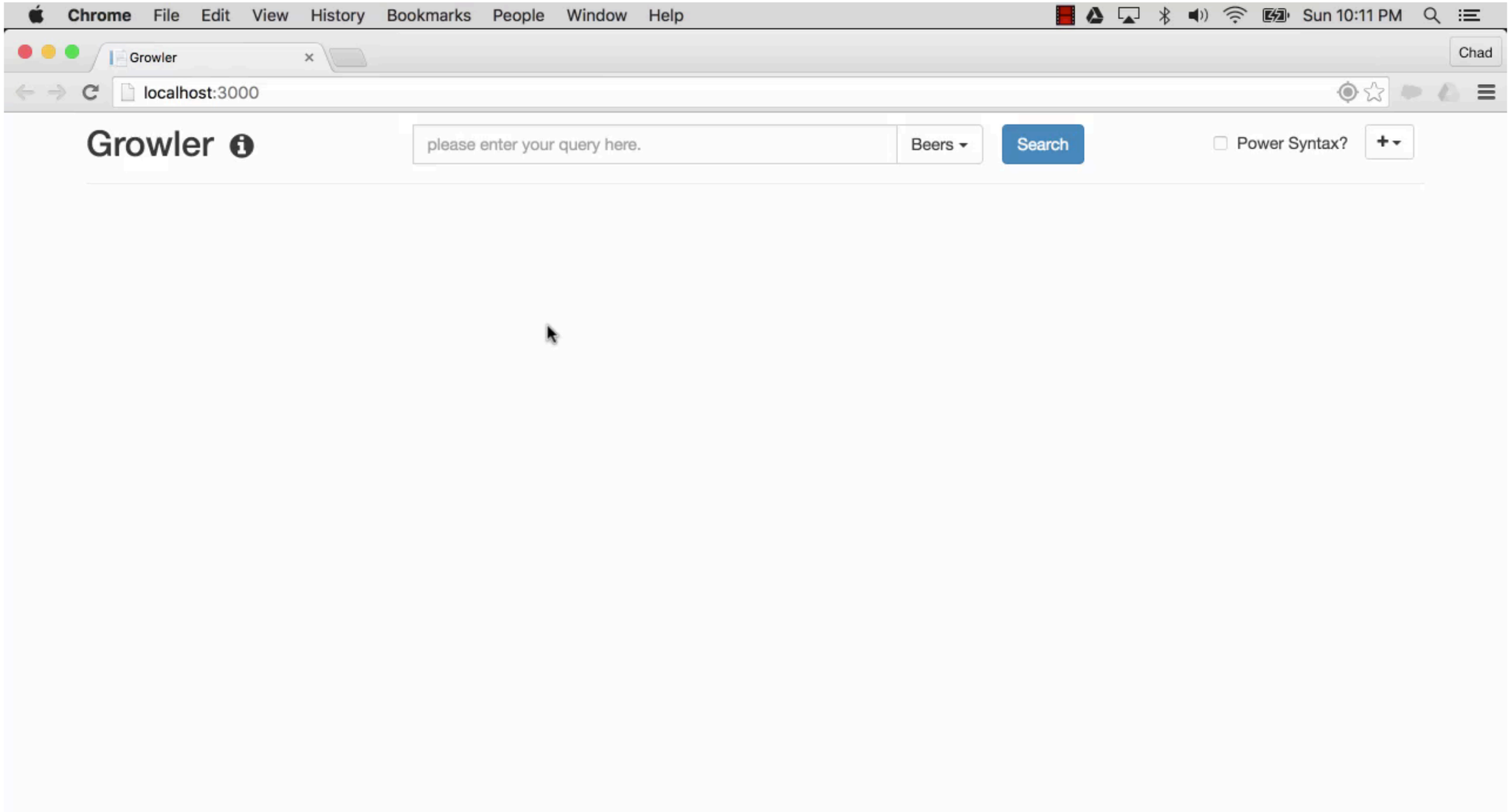
abv: 6.5

Igopogo Pilsner

abv: 8.1

Page: 1 2 3

Hit Highlighting



Creating a Search Service

Azure Search Service Name

Index Searchable Data

Perform Searches

Organization Component

The name of your business

Application Name Component

One or two words that identify your application

Location Component

Identifies the Azure geographic region where the service will be created.

Environment Component

The environment where the service is used in.

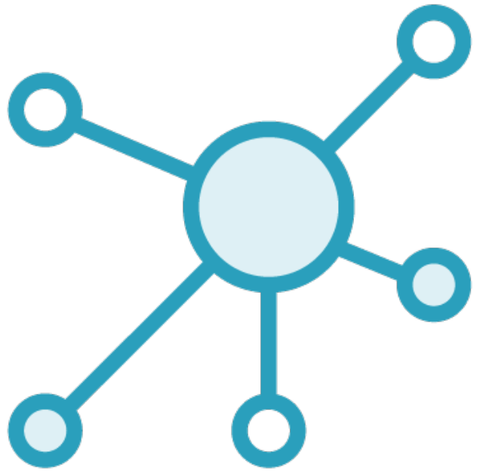
Search Service Name

1 2

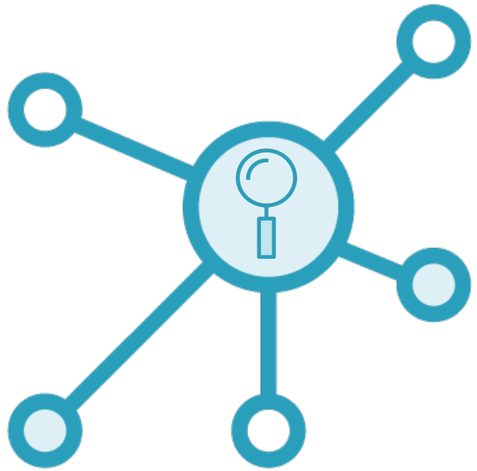
org-app-location-environment

3 4

APIs



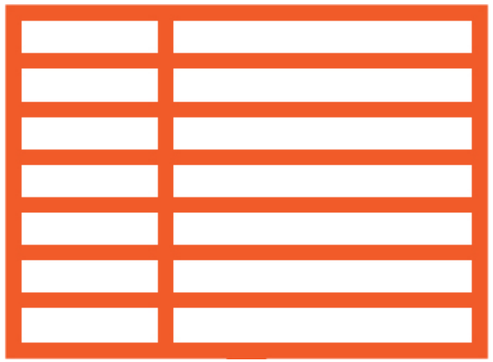
Azure Search Management APIs



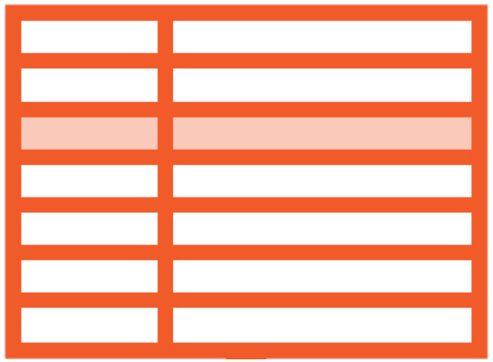
Azure Search APIs

Azure Search Concepts

Concepts



Index



Document

An index is like a table in a relational database

Document

A flattened out version of your data

Summary

Benefits of Azure Search

Create a Search Index

Azure Search Concepts