Iride Discovery

IRIDE DISCOVERY

Ingestion
&
Data Quality

Image
Recognition

Text
Recognition

Correlation
&
Entity Linking

Dynamic
Classification

Searchable
Semantic index

Visual Map of
Relations

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Ingestion & Data Quality

Integration of information from different sources

Including textual sources and images

| Ingestion & Data Quality | Images Recognition | Text Recognition | Correlation & Entity Linking | Dynamic Classification | Searchable semantic index | Visual Map |

Image recognition

Recognize faces, classify images and extract text from images

Ingestion & Data Quality

Images Recognition

Text Recognition

Correlation & Entity Linking

Dynamic Classification

Searchable semantic index

Visual Map

Text recognition

Text understanding based on deep and flexible Language Processing pipelines both inside and outside images

THANK YOU

Ingestion & Data Quality

Images recognition

Text Recognition

Correlation & Entity Linking

Dynamic classifiication

Searchable semantic index

Visual Map

Correlation &
Entity Linking

Automatically find synonyms and
related words during the search

Ingestion
&
Data Quality

Images
Recognition

Text
Recognition

**Correlation
&
Entity Linking**

Dynamic
Classicfication

Searchable
semantic index

Visual Map

Dynamic Classification

Automatically classify contents and complex searches based on dynamic categorization combining both rules and machine learning/deep learning models

Ingestion & Data Quality

Images Recognition

Text recognition

Correlation & Entity Linking

Dynamic Classification

Searchable semantic index

Visual Map

Searchable semantic index

Indexes Unstructured data and Semantic Annotations so they can be searched in natural language

Ingestion & Data Quality

Images recognition

Text recognition

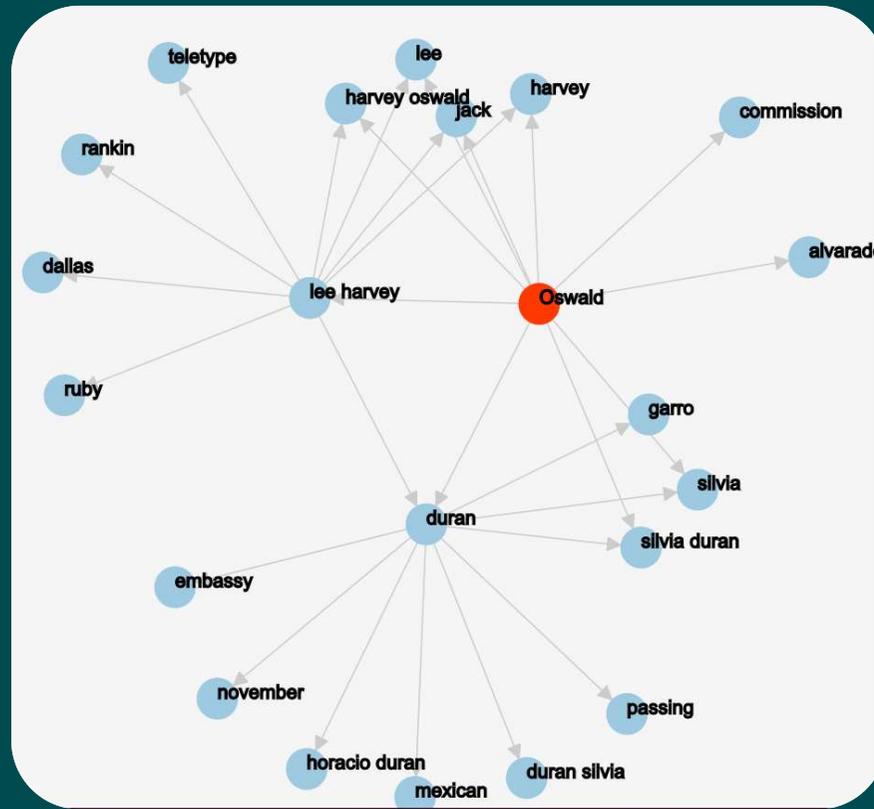Correlation & Entity Linking

Dynamic Classification

Searchable semantic index

Visual Map

Visual Map

A Visual map will suggest the most important concepts related to your search and how they are connected together

Ingestion & Data Quality

Images recognition

Text Recognition

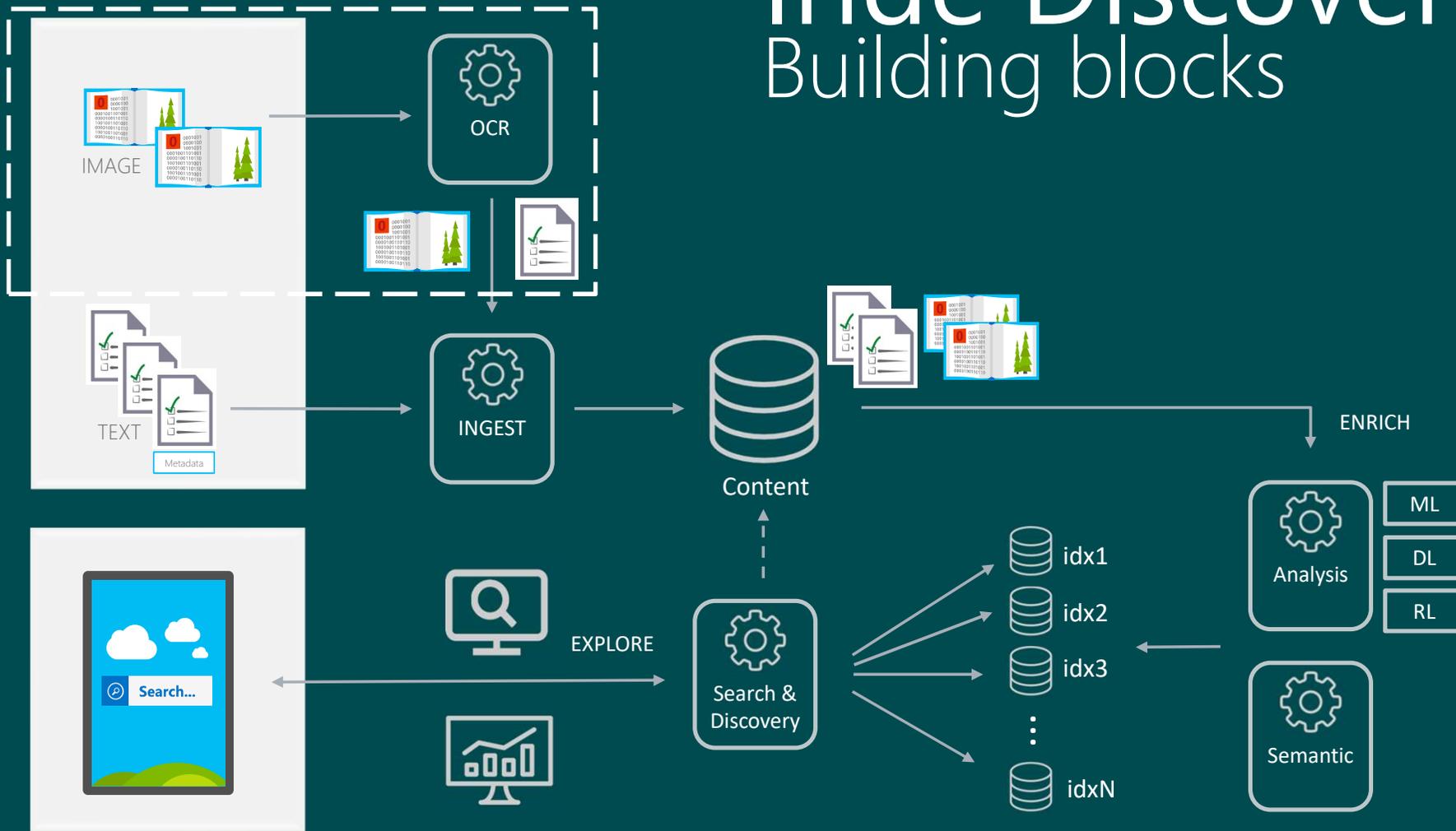Correllation & Entity Linking

Dynamic classification

Searchable semantic index

Visual **Map**

Iride Discovery
Building blocks

IMAGE

OCR

TEXT

Metadata

INGEST

Content

ENRICH

Analysis

ML

DL

RL

Semantic

EXPLORE

Search...

Search & Discovery

idx1

idx2

idx3

idxN

IRIDE Discovery – Main Capabilities

- Recognition of texts, tags, captions and 'hand written' notes in images

- Semantic analysis and indexing of contents

- Automatic Synonims retrieval

- Concepts and Relations extraction

- Rule based inference on contents

- Named Entities recognition, disambiguation and linking

- Natural Language Search in any supported language (29+)

- Visual Knowledge Navigation with concept tree, entities and visual relation graph

- Automatic clustering

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Takeaways

- Full analysis of all the source contents, both images and text

- Leverage on both Machine Learning and Rule Based approach for knowledge modeling and data classification

- Fast and easy Search of relevant documents in natural language

- Centralized virtual data layer enabling a Unified view of multiple sources via out of the box and custom built connectors

- Ready to go plug and play architecture that supports both on-premise and as-a-service deployment and licencing

- Multi language and Cross language queries

- Full set of APIs for easy integration into Third party and legacy systems

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