Iride Discovery

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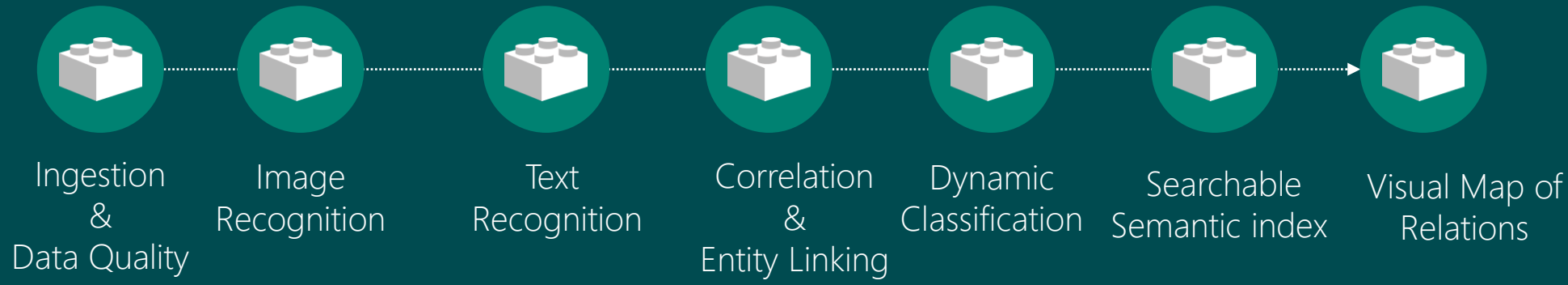
IRIDE DISCOVERY



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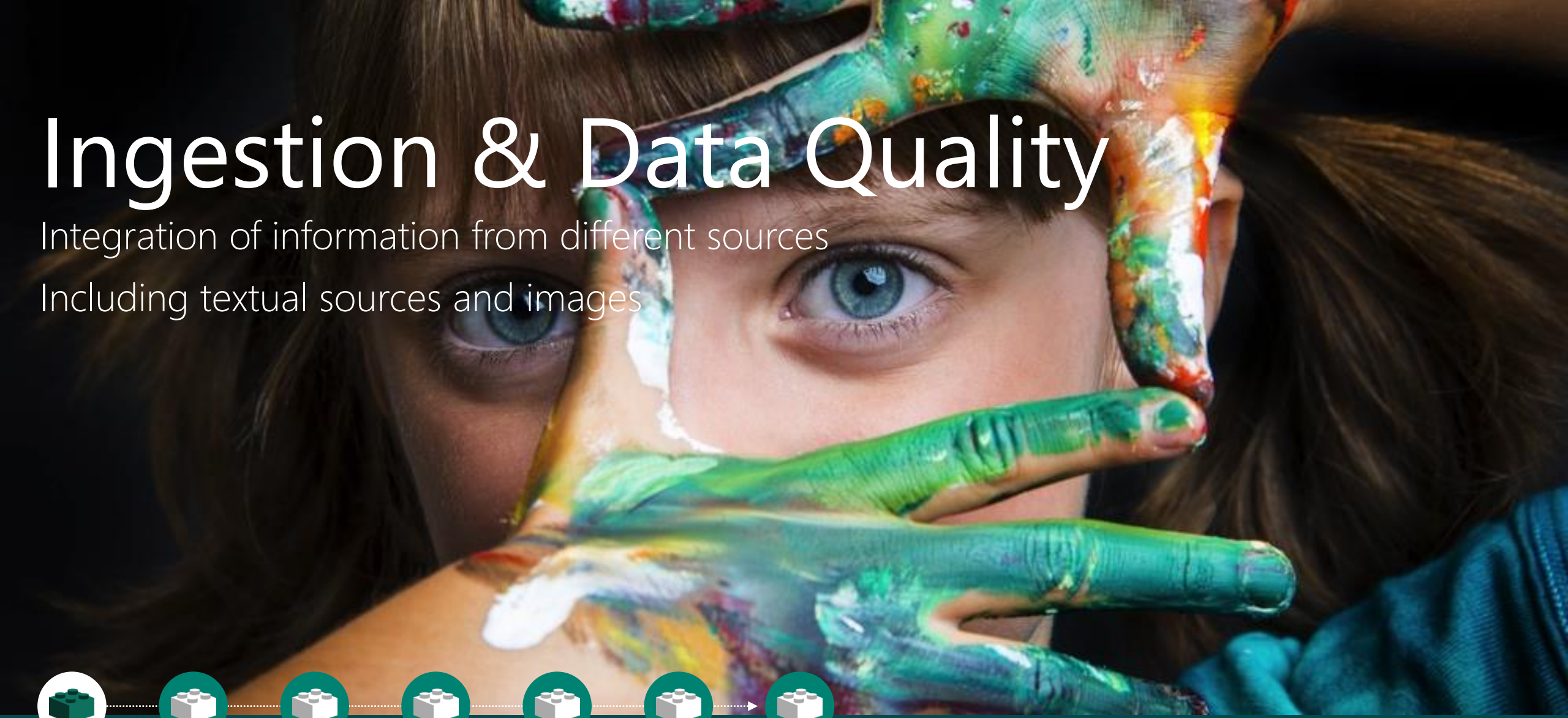

Ingestion & Data Quality

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

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Text recognition

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

Ingestion & Data Quality

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Dynamic classifiication

Searchable semantic index

Visual Map

Correlation & Entity Linking

Automatically find synonyms and related words during the search

Ingestion & Data Quality

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Text Recognition

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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

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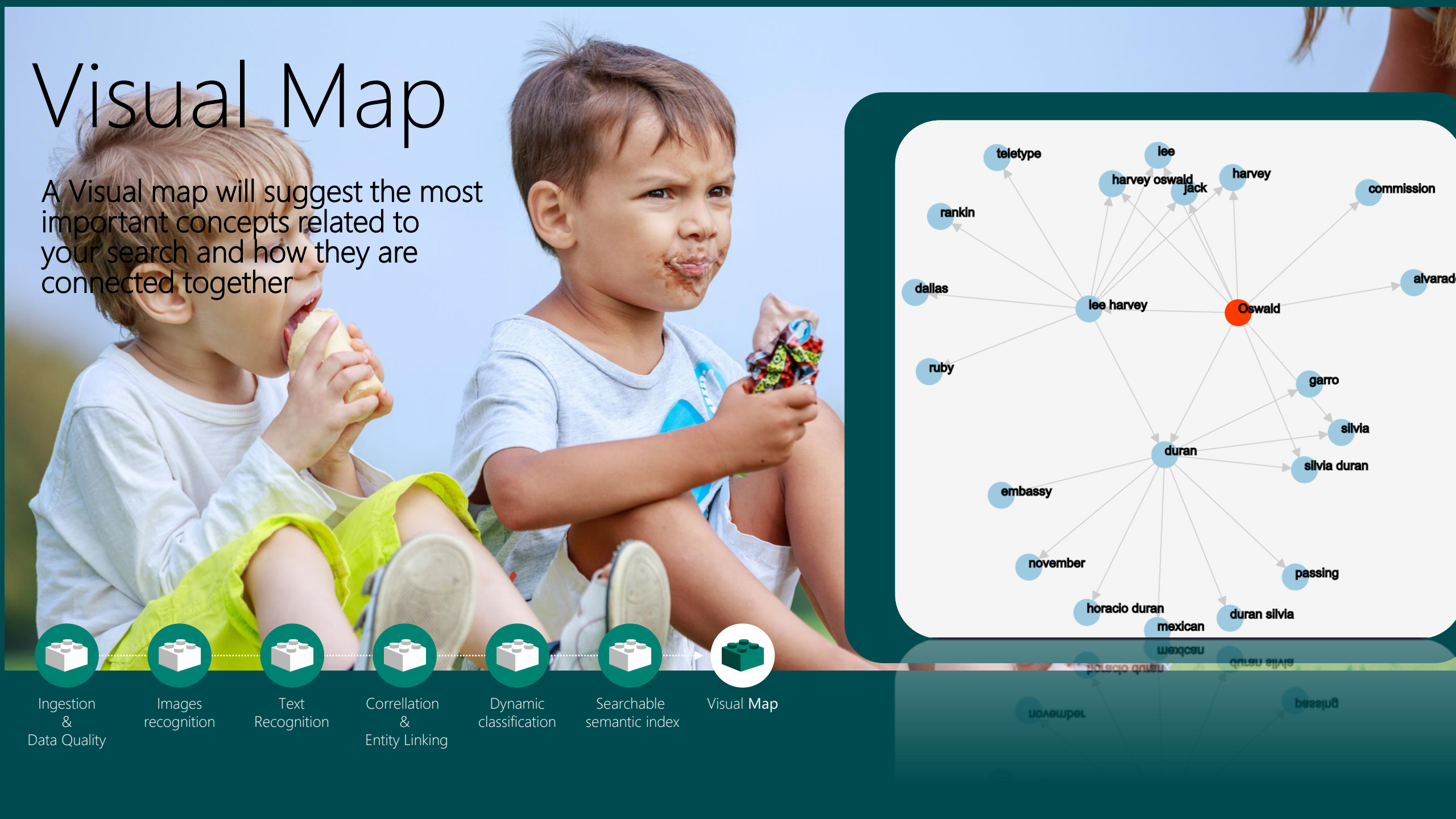
Visual Map

Visual Map

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



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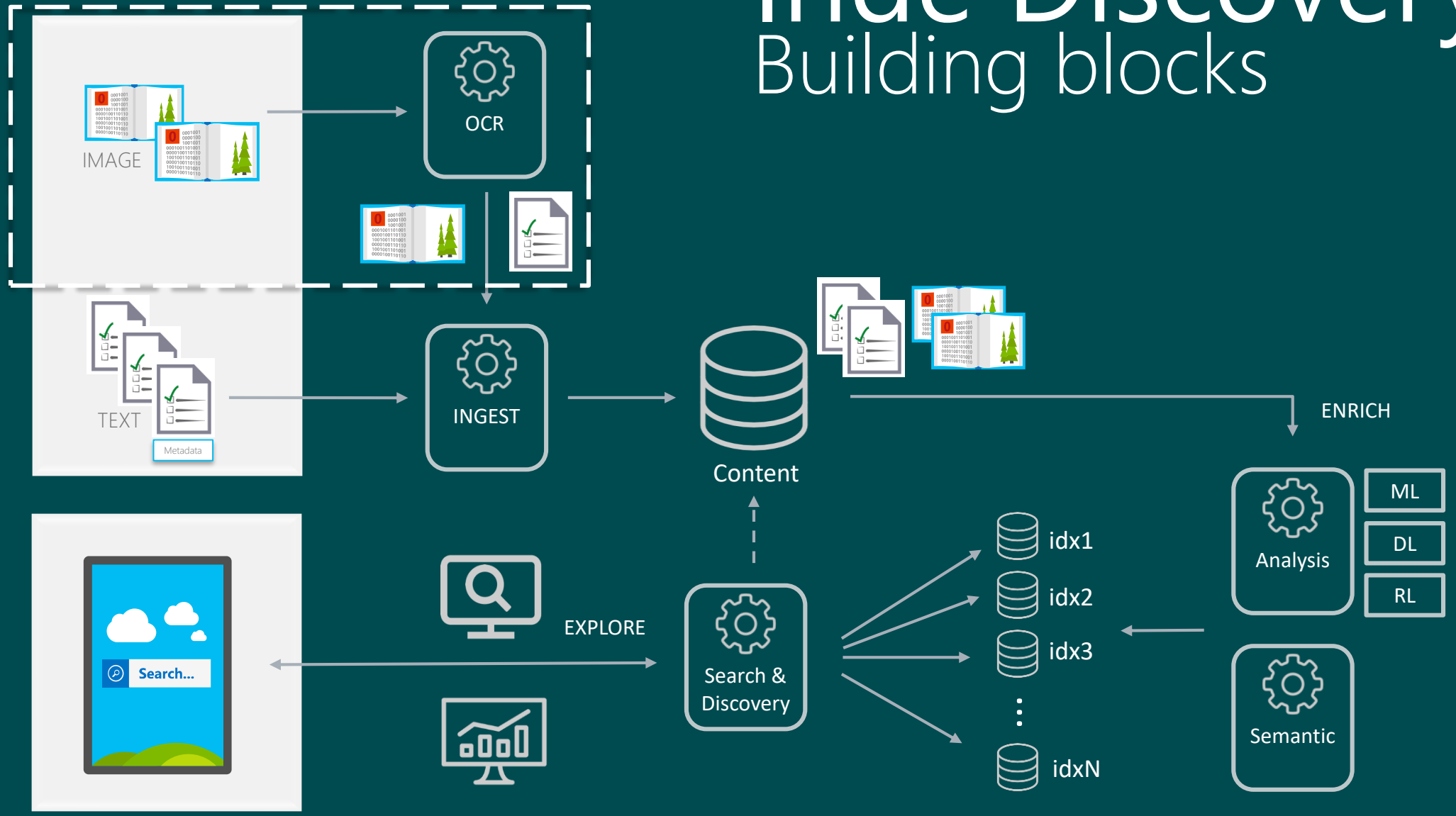
Iride Discovery
Building blocks



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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