Summarization Powered Search:
Azure Cognitive Search +
Agolo Contextual Summarization

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Search and traditional approaches fall short when trying to understand complex information.

**SOLUTION**

**Summarization powered search** accelerates the analysis of critical information at scale.
Agolo unlocks the value of your content, automatically reading, organizing and creating customized summaries at-scale.

**INPUTS**
Aggregates and discovers stories or documents you wouldn’t have known to search for. Agolo covers 700,000+ documents daily, including external and enterprise data sources.

**SUMMARIZATION**
Automatically creates customized summaries based upon search focus. Agolo distills the most relevant insights. Agolo creates around 2,000,000 summaries daily.

**DISTRIBUTION**
Automatically distributes 2,000,000 personalized summaries to individual recipients everyday.
USE CASE: PRIVATE DOCUMENT SUMMARIZATION

CHALLENGE
- The White House Covid-19 dataset of 60,000+ research documents of constantly new and updated information.
- A broad audience of health care professionals, scientists and others required a user experience to support both pros and consumers.

AGOLO SOLUTION
- We partnered with Microsoft Azure Cognitive Services team:
  1. Integration of Agolo with Azure Cognitive Search.
  2. We combined existing ontologies (e.g. Allen Institute) with Agolo Knowledge Graph to identify semantically similar terms.
  3. Agolo surfaces and dynamically generates a summary utilizing the context of the user’s search terms.

BENEFIT / VALUE
- Instant insight into how each document answers the user’s question, reducing search time and improving access to critical information.

Announcement at Microsoft Build showcasing our work with Azure Cognitive Search for the White House:
Agolo Summarization-Powered Search Architecture