



What's Azure AI Search?

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Azure AI Search (formerly known as "Azure Cognitive Search") provides secure information retrieval at scale over user-owned content in traditional and conversational search applications.

Information retrieval is foundational to any app that surfaces text and vectors. Common scenarios include catalog or document search, data exploration, and increasingly chat-style search modalities over proprietary grounding data. When you create a search service, you'll work with the following capabilities:

- A search engine for full text and vector search over a search index
- Rich indexing, with integrated data chunking and vectorization (preview), lexical analysis for text, and optional AI enrichment for content extraction and transformation
- Rich query syntax for vector queries, text search, hybrid search, fuzzy search, autocomplete, geo-search and others
- · Azure scale, security, and reach
- Azure integration at the data layer, machine learning layer, Azure Al services and Azure OpenAl

Create a search service

Architecturally, a search service sits between the external data stores that contain your un-indexed data, and your client app that sends query requests to a search index and handles the response.

