Context:

With several planned mergers and acquisitions Enterprises have a lot of unstructured data in silos in different formats representing a lot of value, lot of this information remains unused and near impossible to locate, for Roles where Research & development is involved (such as Drug development R&D) or and even business roles where specific type of data and reports are needed fast, this can be a major blocker. A solution to this lies in a Modern enterprise cognitive search solution.

Market need:

- Poor **metadata for unstructured data** leading to **poor data coverage** and clinical research intelligence

- Limited data sets integrated for building **intelligence and providing result in the right format**

- Multiple searches needed to locate **right information,** and is not customized to **stakeholder personas**

- **Siloed data** in **multiple formats** across **multiple systems** and data sources slowing decision making and drug research process

Differentiators of ESM solution:

- Improve Ingestion Intelligence and generate Insights from mining Documents & Images, by improving metadata management & data cataloguing through 'Brillio Data Profiling tool' and 'Brillio's AI based metadata extraction solution'

- Brillio framework and Unique approach to Integrating data from multiple internal /external data sources and organizing multiple file formats and documents into indices through a Data lake or SharePoint thereby breaking knowledge silos & enabling collaboration

- Developing additional features for ease of use - such as Best Bet Search Results, Search Inside, Search Everything and Customize role/ persona-based access and enhance services

- Improve context-based personalization through parameter tuning, training ML models and leveraging metadata Indicators, Train Semantic Search capabilities, NLP features and Use Knowledge Graph DBs speed up search

Accelerators / Tools:

- Brillio Data Profiling tool

- Brillio's AI based metadata extraction solution

- Azure Cognitive search

- Azure Services

Workshop Outcomes:

- Understanding the complexity of your search environment

- Brief walkthrough of Brillio's Enterprise search Modernization framework and approach

- Learning about these benefits of modernizing Enterprise search

- Identify business benefits and calculate ROI of implementing search

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SCALABILITY AND PERFORMANCE WITH LARGE DATA

Integrating data from multiple internal /external data sources and organizing multiple file formats and documents into indices through a Data lake or SharePoint thereby breaking knowledge silos & enabling collaboration

SEMANTIC SEARCH & NLP

Integrating semantic search & cognitive services to cognitive search to customize and enhance search features

ACCESS CONTROL

Customize role/ persona-based access and enhance services, to improve control access to results, track and control on data access frequency, sensitive data etc. to contextualize search results

KNOWLEDGE GRAPHS TO SPEED UP SEARCH & IMPROVE VISUALS

Leveraging Knowledge graphs in parallel with ACS for better relationship mapping, profiling and visualization

01   02   03   04   05   06   07

IMPROVED SELF LEARNING & CONTEXT BASED PERSONALIZATION

Improve context-based personalization through parameter tuning, training ML models and leveraging metadata Indicators

HOLISTIC METADATA MANAGEMENT

Improve Ingestion Intelligence and generate Insights from mining Documents & Images, by improving metadata management & data cataloguing through 'Brillio Data Profiling tool' and 'Brillio's AI based metadata extraction solution'

USER INTERFACE & EXPERIENCE ENHANCEMENT

Developing additional features for ease of use - such as Best Bet Search Results, Search Inside, Search Everything and develop Search based on history, context, content age or last updated date