Process:

1. Documents and raw data are uploaded to a data landing zone
2. Input data is ingested and processed by the data pipeline and enriched according to source data type.
3. Enriched structured and unstructured data are then stored in the knowledge repository in relational and vector databases, respectively.
4. Knowledgebases are then connected to AI authoring tools to create Generative AI logic.
5. The Generative AI logic combines the knowledge base with Large Language Models to create intelligent apps that can be deployed as consumable APIs that can be integrated into scalable web applications to provide AI-enhanced search solutions to users.

Technologies:

✓ Azure ADLS Gen 2 storage
✓ Azure SQL database
✓ Azure AI Search
✓ Azure OpenAI
✓ Azure Machine Learning
✓ Azure AI Studio
✓ Azure Functions
✓ Azure App Service
✓ Microsoft Fabric

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Making Data Useful