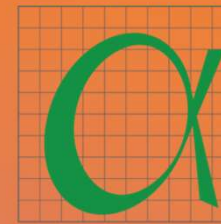


Alpha Data AI Automated Document Processing



ALPHA DATA

Leverage our extensive experience in Cloud Infrastructure, Azure services, and AI to build an automated document processing solution optimized for legal and finance documents. Through leveraging our custom model built on AI builder alongside other azure services, clients will be able to define desired attributes to automate their extraction as well as optionally translate data into desired languages. Through our expertise we will be able to deploy our AI use case and fully manage its Infrastructure in adherence with Cloud Governance and Security best practices



75+ Certified Experts



Alpha Data AI Automated Document Processing

Solution Overview

- * Customized POC Solution
- * Requires Azure Subscription
- * No Partner Commitment

AI POC Includes

- Assessment of templates and policies/regulations for 1 document type/format
- Setup of needed Azure subscriptions and VMs for data hosting/infra requirements
- Integration of Databricks with sample data source and AI model (1 source used for POC)
- Ingestion of sample data for use by AI model + treatment of model outputs (1 ETL Job for POC)
- Integration with SharePoint to act as input source for documents
- Deployment of AI model and testing/assessment of model performance
- Automation of document review and data capture process for 1 user defined document format



ALPHA DATA

Solution Framework + Delivery Model



Overview

- This slide describes the high-level SOW for a full deployment of our offering as well as limitations considered for POC
- Designed with Azure's service catalogue and Azure AI at its core ensuring ease of integration with existing cloud environments
- Optimized for Finance and Legal docs, but may be reconfigured for any format under full scope
- Full scope includes integration with any desired on-prem source such as data or automation platforms, visualization tools, and model monitoring tools



Deployment Model

- Solution will primarily leverage azure's SAAS based services but will also leverage Alpha Data's own custom AI/ML models built/managed on AI builder
- Alpha Data will be offering the overall solution as a package under a managed PAAS model.
- The solution will be deployed on a managed tenant fully owned by the client, which Alpha Data will provision the solution on.



Services Scope

- Consulting services & use case definition based on client KPIs
- Implementation, integration, and training services
- Model customization/tuning based on client defined use cases/templates/data formats
- Full maintenance of overall solution infrastructure
- Post implementation managed services including performance monitoring & optimization for AI model and infra resources

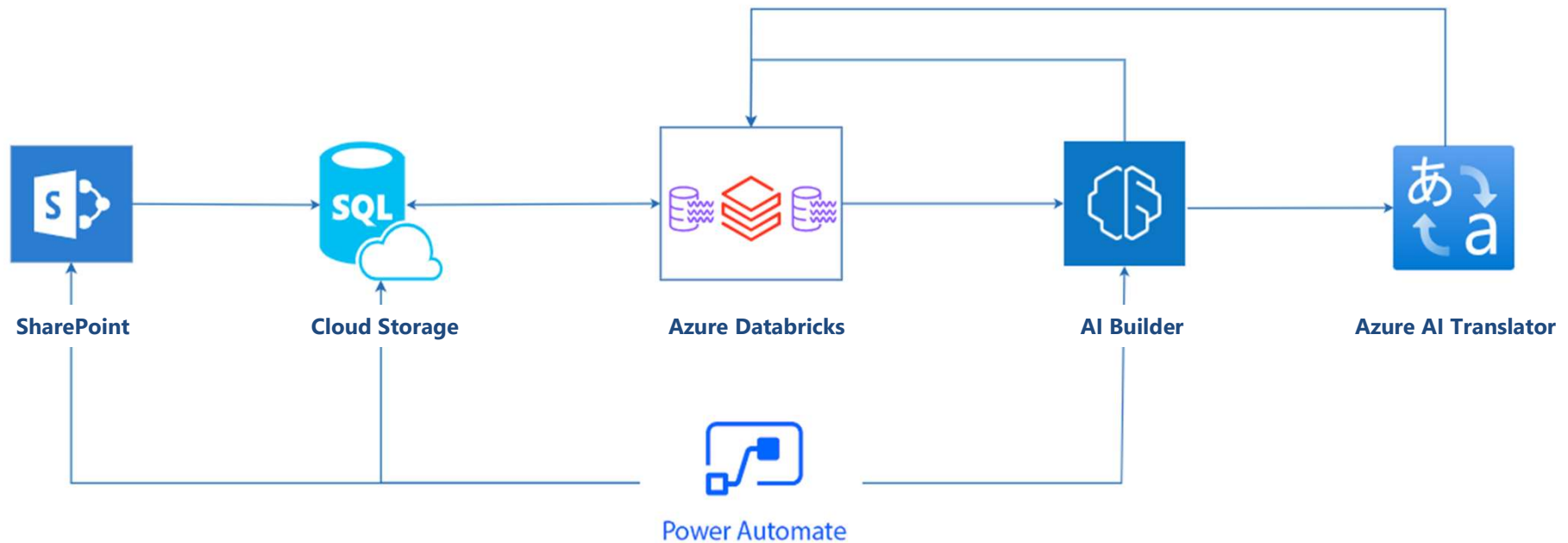


POC Limitations

- 1 document format/template to be used to define rules/data capture
- No more than 10 attributes to be captured/tested for in document
- 1 workflow to be automated based on agreed document format
- 1 data source to be integrated
- 1 ETL Job either for data ingested into model or model outputs
- POC restricted to 15-man days (Any effort estimated beyond to be costed on time and material basis)

High Level Solution Architecture

Services Utilized for AI Automated Document Processing & Validation





Cost: 7000\$



Timeline: 3 Weeks

Alpha Data AI Automated Document Processing

POC Scope + Deliverables

- Assessment of templates and policies/regulations for 1 document type/format.
- Assessment of 1 data source for integration.
- Defining data to be captured from processed documents
- Defining 1 document processing workflow to be automated based on model capability and defined format

Assessment/Consulting

1

- Setup of required Azure subscriptions
- Setup of Azure VMs for data hosting/infra requirements
- Integration of Databricks with model and sample data source (1 source used for POC)
- Integration with SharePoint to act as input source for documents

Setup/Integration

2

- Model training/tuning using inputs from defined source
- Automation of document review/data capture for 1 defined document format
- Live demonstration & test report on model performance
- Treatment of model outputs and ingestion into defined storage (1 ETL Job for POC)

Model Training/Deployment

3