



Building Intelligent Solutions Using AI Builder

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About Me



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- Ahmad Najjar
- Power Platform Architect Lead @ Avanade
- Business Applications MVP
- Microsoft Certified Trainer (MCT)
- Independent Publisher Connector Project Coordinator & Publisher
- Architect at mind, developer at heart
- +15 years of experience in SharePoint
- +5 year of experience Power Platform
- +5 years of experience Logic Apps
- Events & Hackathons organizer

Scaling your business applications



1 Strong foundation

2 Enhance and enrich

3 Expand and scale

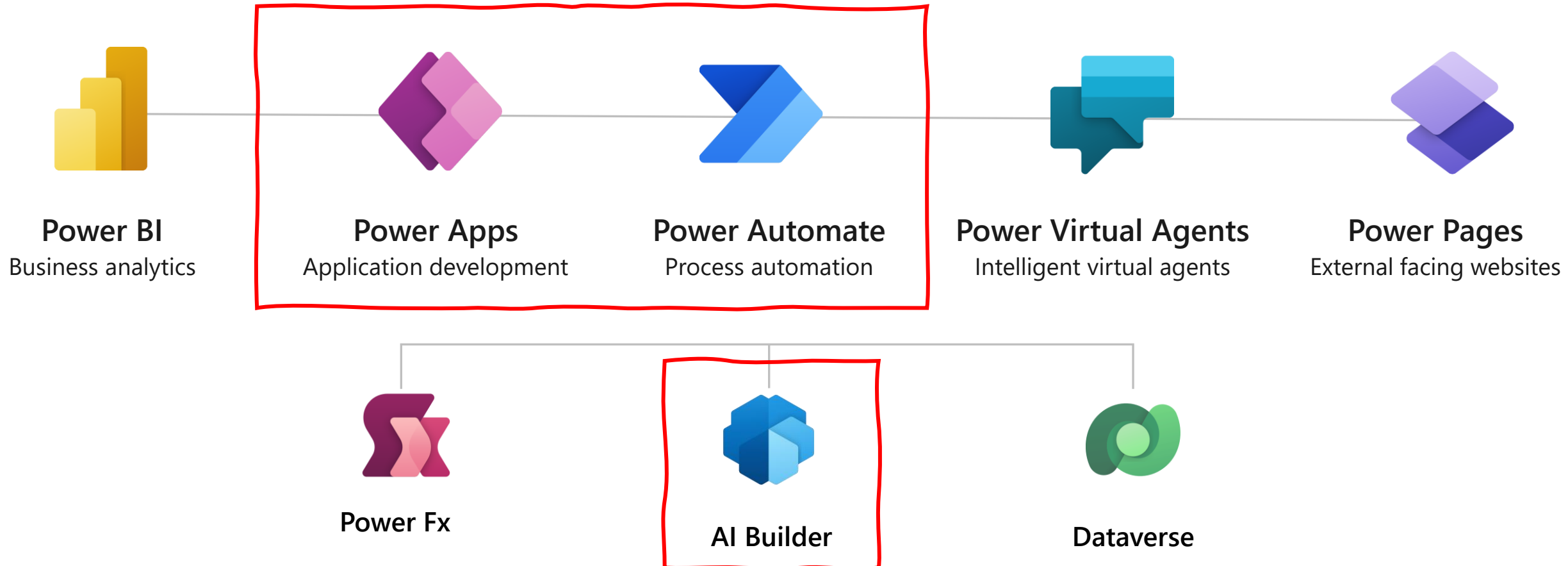


Microsoft 365

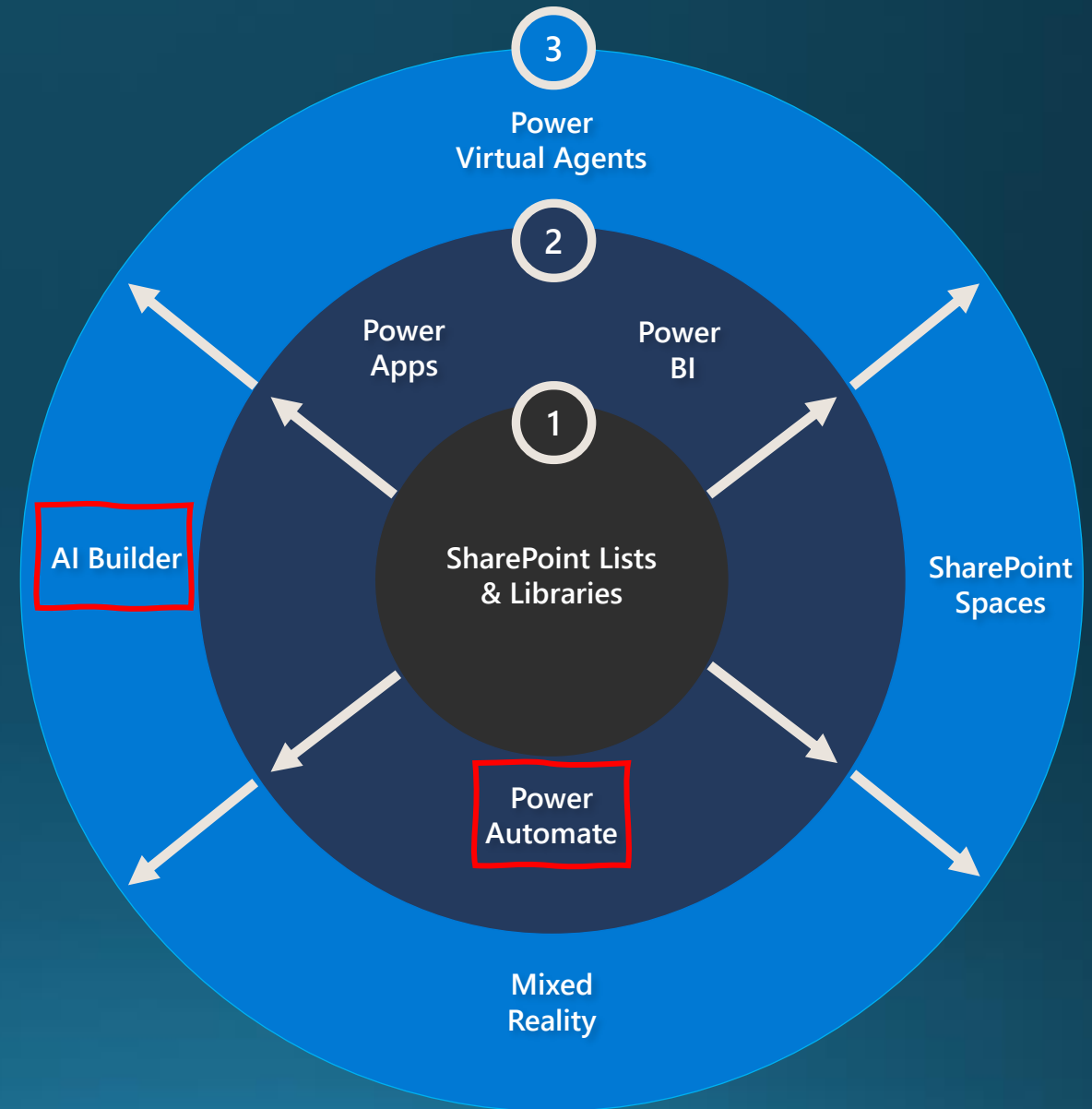




Microsoft Power Platform



Scaling your business applications





Implementation
Complexity

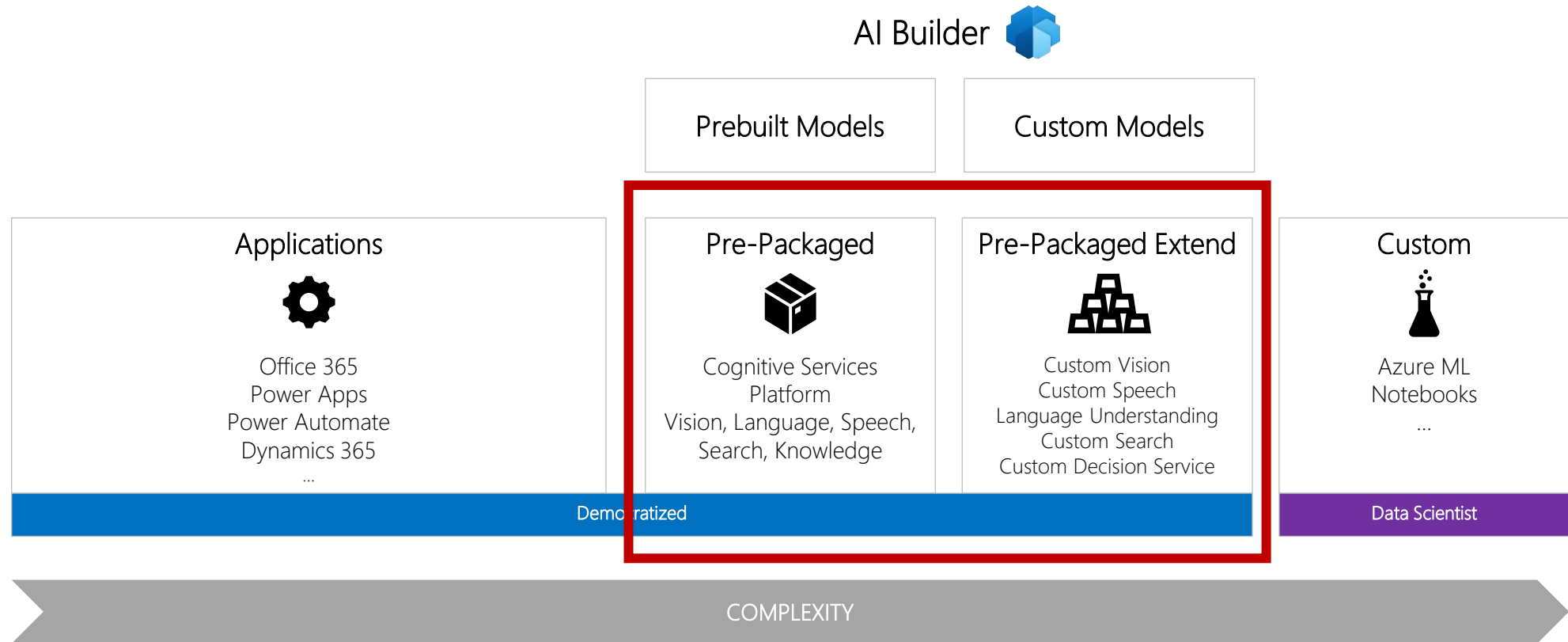


Business
Expertise



Talent
Shortage

AI LANDSCAPE



Point-and-Click AI solutions

Add intelligence to your business

Try out AI capabilities for each data type



All



Documents



Text



Structured data



Images



Invoice processing
Extract information from invoices



Text recognition
Extract all the text in photos and PDF documents (OCR)



Receipt processing
Extract information from receipts



Identity document reader
Extract information from identity documents



Business card reader
Extract information from business cards



Custom model

Form processing
Extract custom information from documents



Sentiment analysis
Detect positive, negative, or neutral sentiment in text data



Preview

Category classification
Classify customer feedback into predefined categories



Entity extraction
Extract key elements from text, and classifies them into predefined categories



Key phrase extraction
Extract most relevant words and phrases from text



Language detection
Detect the predominant language of a text document



Text translation
Detect and translate more than 90 supported languages



Custom model

Category classification
Classify texts into custom categories



Custom model

Entity extraction
Extract custom entities from your text



Custom model

Prediction
Predict future outcomes from historical data



Custom model

Object detection
Detect custom objects in images



Custom model

Lobe

Image classification
Classify your images based on their content (powered by Lobe)

Point-and-Click AI solutions

Add intelligence to your business

Power Apps | AI Builder

Environment
Tech-Carpenter (Upgra...



- Home
- Learn
- Apps
- Create
- Data
- Flows
- Chatbots
- AI Builder

Build






Models

Solutions












Enhance your business with AI

Add intelligence to your business. Create tailored AI models to automate processes and find insights. [Learn more](#)

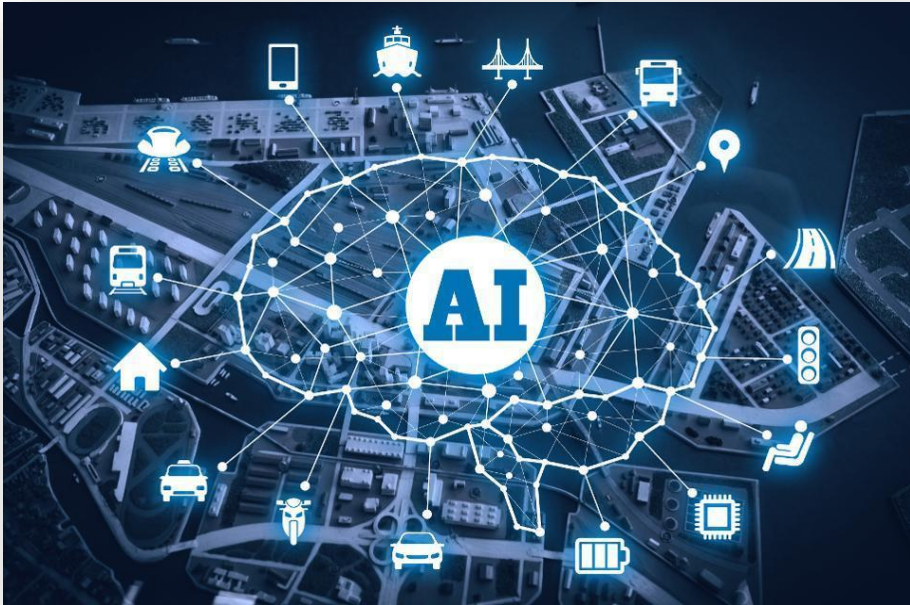
Refine a model for your business needs

 Category Classification Categorize text by its meaning so it's easier to analyze.	 Entity Extraction Recognize specific information about your business from data.	 Form Processing Read and save information from standard documents.	 Object Detection Recognize and count things in images.	 Prediction Predict whether something will happen.
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Get straight to productivity

 Business Card Reader Automatically process business card information	 Category Classification (preview) Categorize text by its meaning so it's easier to analyze	 Entity Extraction Extract entities and their types from text	 Identity Document Reader Read and save information from identity documents	 Invoice Processing Read and save information from invoices
 Key Phrase Extraction Extract the key talking points from text	 Language Detection Identify the language being used in text	 Receipt Processing Read and save information from receipts	 Sentiment Analysis Analyze positive/negative sentiment in text	 Text Recognition Automatically process text from images
 Text Translation Translate text into a new language automatically				

AI Model Types



Custom AI Models

Custom AI models are models that you build by choosing a model type in AI Builder, and then training the model to do a specific AI task by using your data



Prebuilt AI Models

AI Builder features prebuilt AI models that you can use in Power Apps and Power Automate. With a prebuilt model, you get an AI model that Microsoft has built and trained to do a specific task.

Custom AI Models

AI model type	Category	Start here
Prediction	Prediction	Overview of the prediction model
Category classification	Language	Overview of the category classification custom model
Entity extraction	Language	Overview of the entity extraction custom model
Object detection	Vision	Overview of the object detection model
Form processing	Vision	Overview of the form-processing model

Prebuilt AI Models



Business Card Reader

Automatically process business card information



Category Classification (preview)

Categorize text by its meaning so it's easier to analyze



Entity Extraction

Extract entities and their types from text



Identity Document Reader

Read and save information from identity documents



Invoice Processing

Read and save information from invoices



Key Phrase Extraction

Extract the key talking points from text



Language Detection

Identify the language being used in text



Receipt Processing

Read and save information from receipts



Sentiment Analysis

Analyze positive/negative sentiment in text



Text Recognition

Automatically process text from images



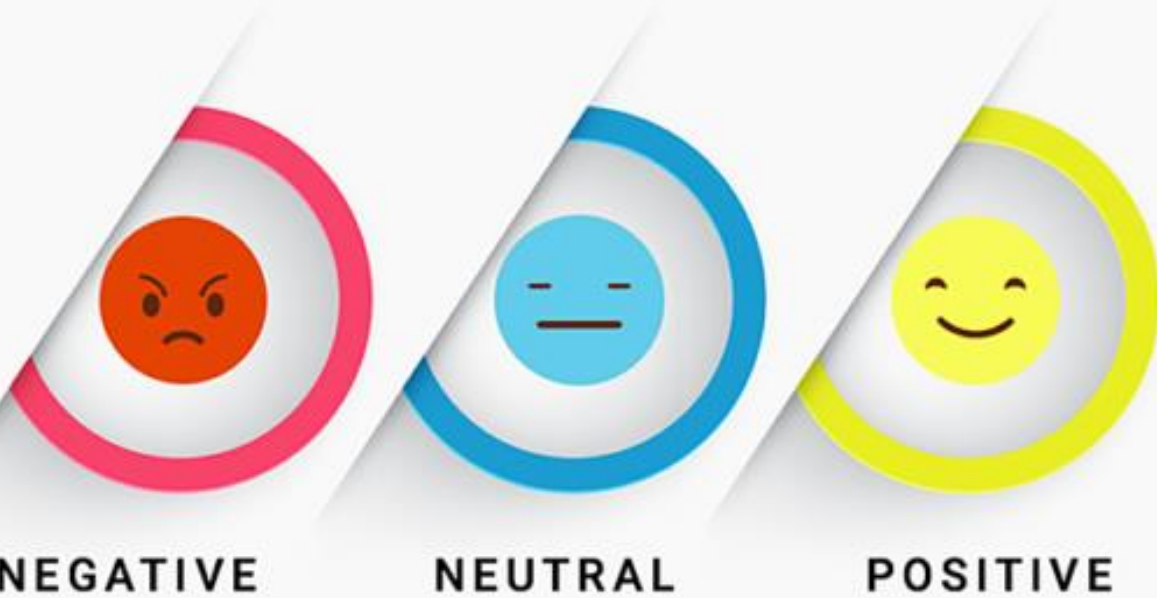
Text Translation

Translate text into a new language automatically



Demo Contoso Bank

SENTIMENT ANALYSIS



Social Media Sentiments



KnowYourCustomer - KYC



Invoice Processing



Loan Screening