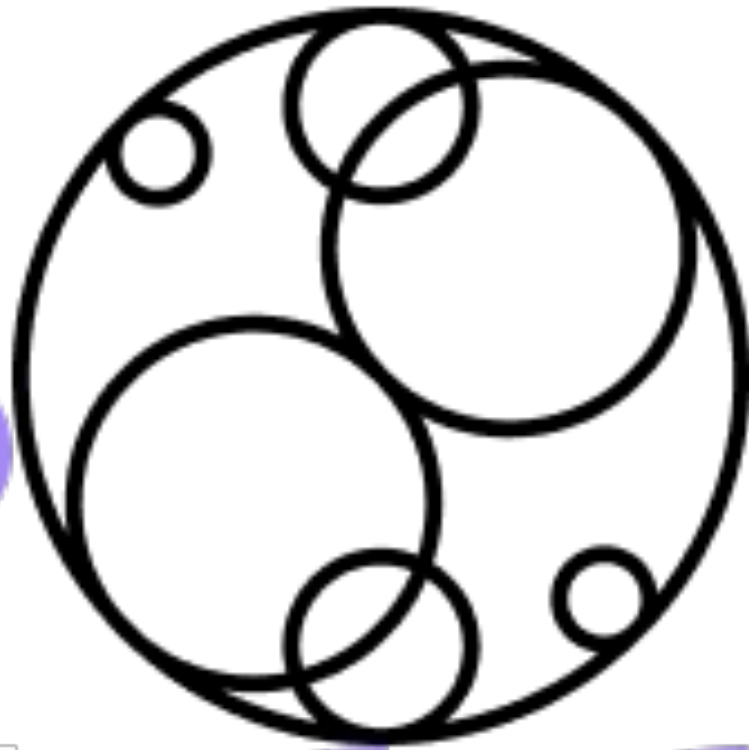
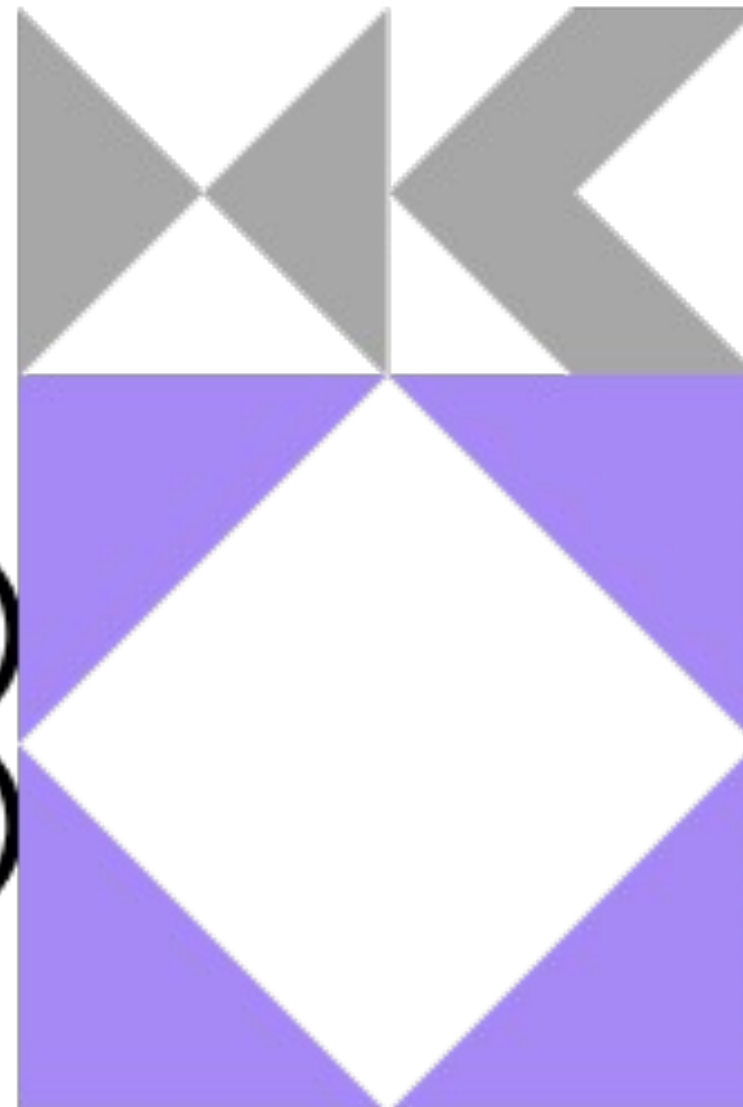
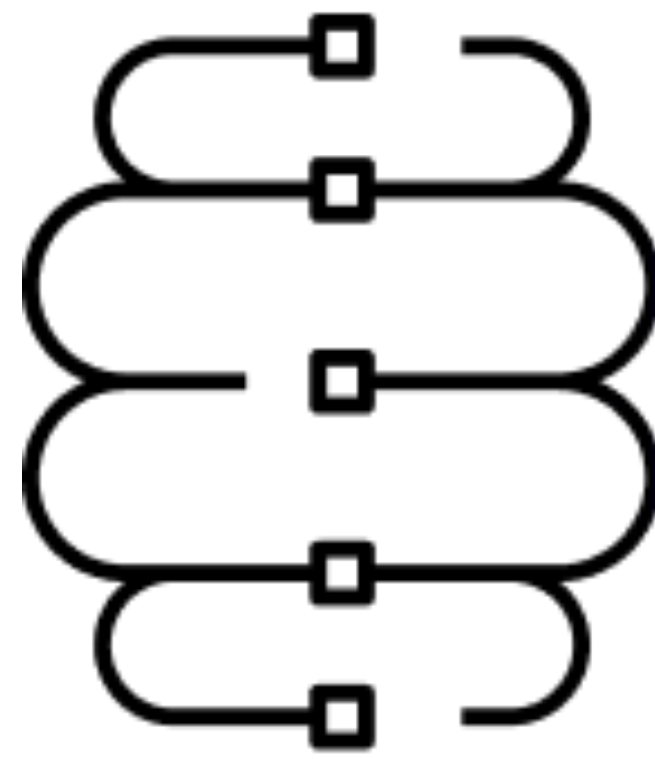
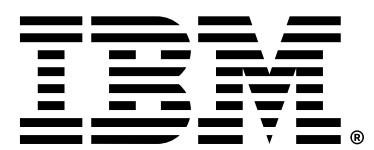


watsonx Day: Challenge



What is the watsonx Day: Challenge?

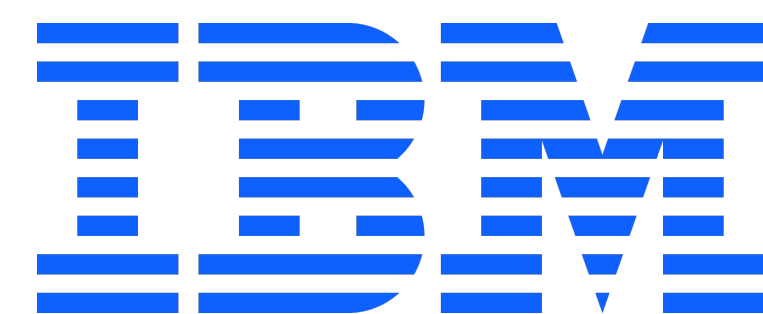
- A no-code/low-code event open to professionals interested in building their AI skills through an enterprise-focused challenge
- A learning opportunity with real world use-cases presented in a fun and engaging format
- Engagement of both technical and non-technical employees to raise awareness on watsonx capabilities

What to expect

- On April 10th the worldwide challenge will start at 9:00 AM JST (GMT +9) and will end on April 11th at 12:00 PM JST (GMT +9)
- All required info to complete the challenge will be provided at 9:00 AM JST (GMT +9)
- You can work virtually or join us at an in-person event
- You can complete any time during the challenge hours
- Support will be available during the event if you have any questions

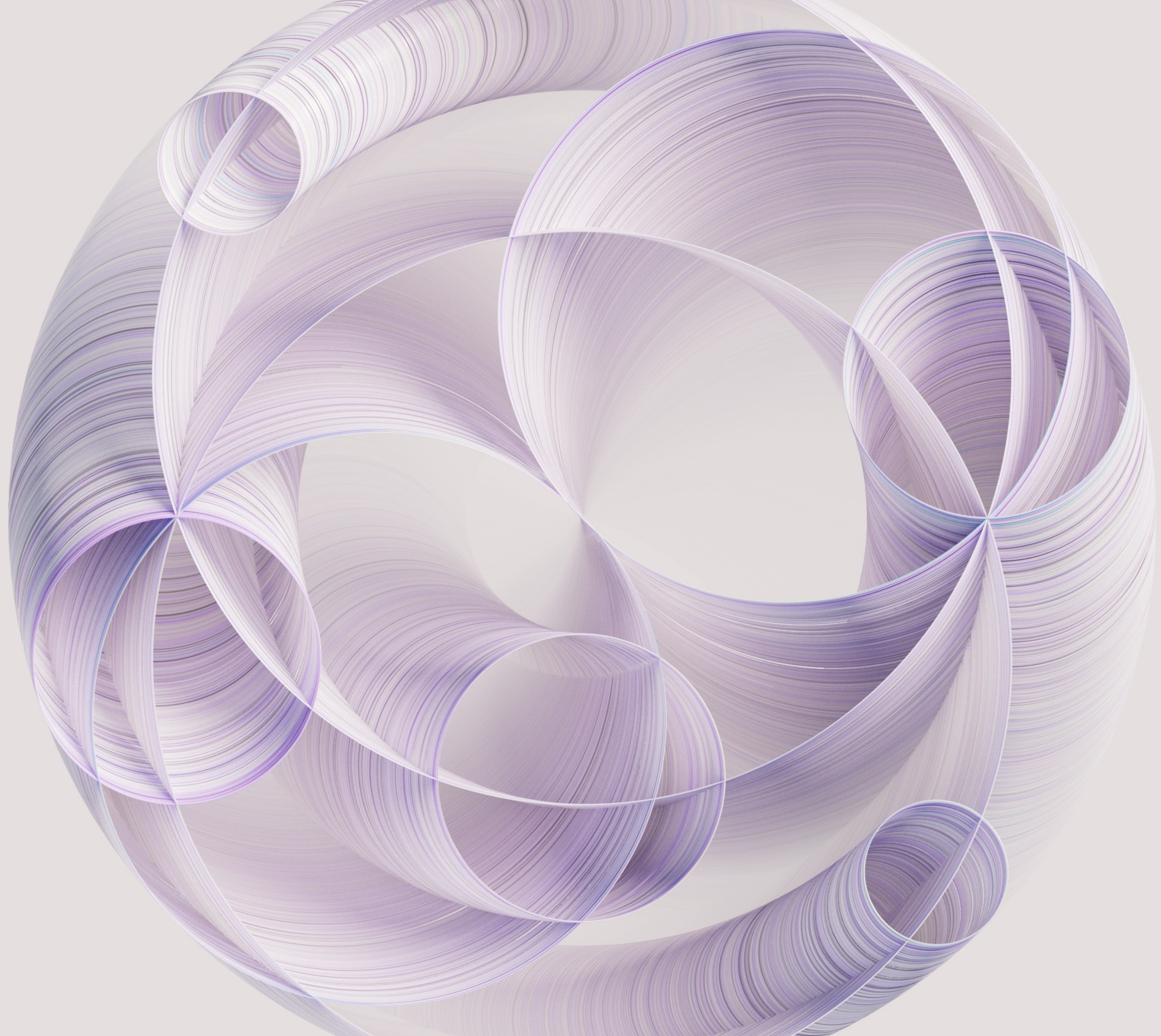
What will you do?

- You will be able to work individually or join a team of up to 4 people
- Complete a challenge track exercise
- Submit your track results and a recommendation
- Top submissions will win prizes



watsonx.ai

Explore the Power of Gen AI and gain a competitive edge using IBM's watsonx platform



Agenda

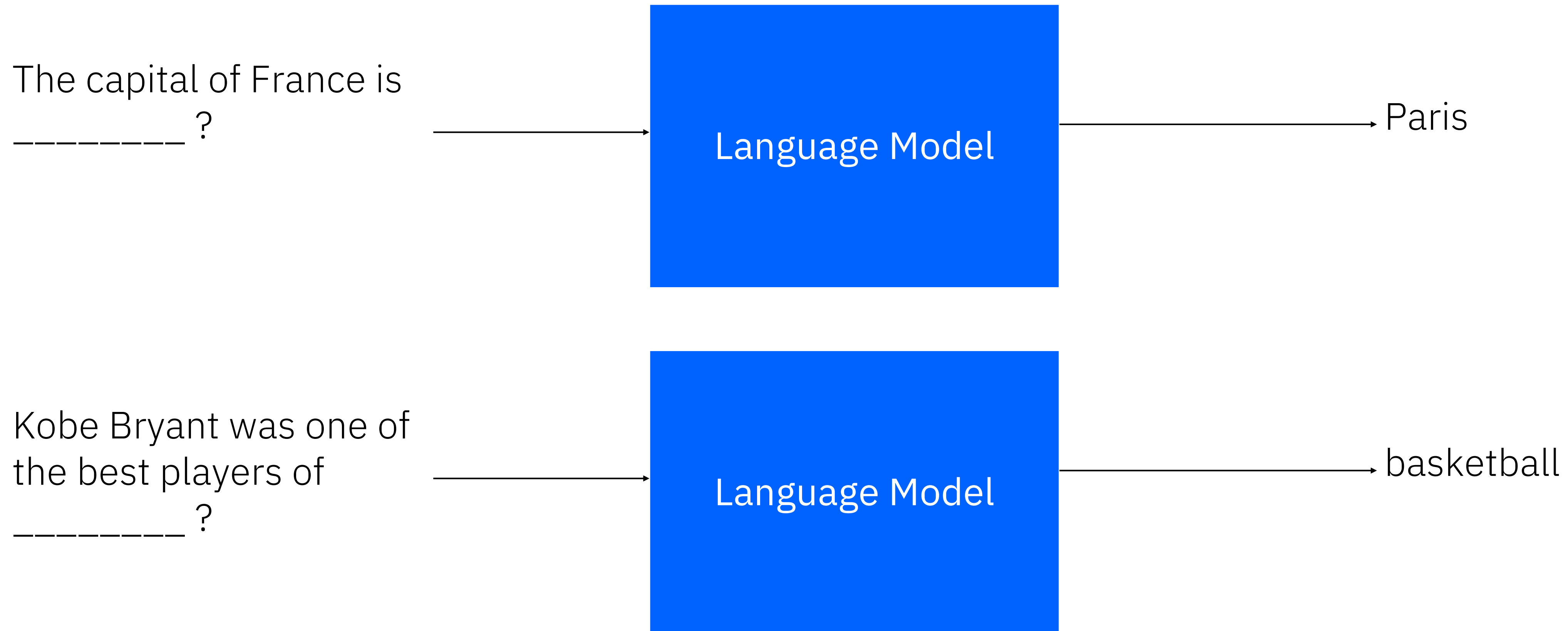
1. Understanding Gen AI and Foundation Models
2. Introduction to **watsonx.ai**
3. Integrating watsonx Assistant with Watson Discovery and **watsonx.ai**
4. Demo – Prompt Lab, Assistant, Discovery
5. watsonx Orchestrate

Foundation Models and
Generative AI
are bringing an inflection
point in AI...

...but how enterprises
adopt and execute will
define whether they
unlock, create value,
unleash innovation at
scale and with speed

What is a *Language Model*?

Language models predict the next word in a sequence given the words have appeared before.



Generative AI and traditional AI

Both traditional AI and generative AI are useful for enterprises.

Neither replaces the other, generative AI [opens new possibilities](#)

Generative AI

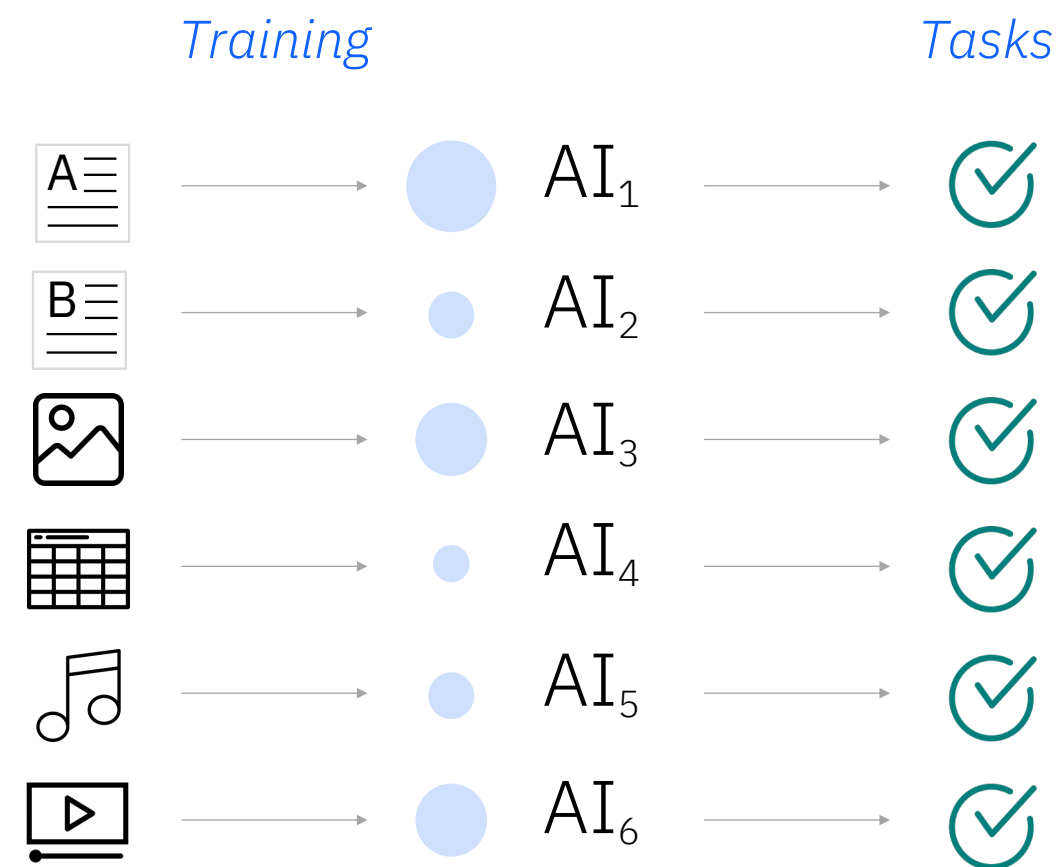
- **Foundation models** trained with unlabeled data
- Unsupervised
- Trained on very big data sets
- No specific task
- Transferable
- **Works well for general tasks and can improve for specific tasks with less training**
- Need to monitor bias and drift

Traditional AI

- Traditional **Machine learning (ML/AI)** model trained with “labeled” data
- Training is supervised
- Trained on proper, large data sets
- **Trained for a specific task**
- Does not transfer well to other tasks
- A tuned model can be very efficient for the specific task it was designed for
- Need to monitor bias and drift

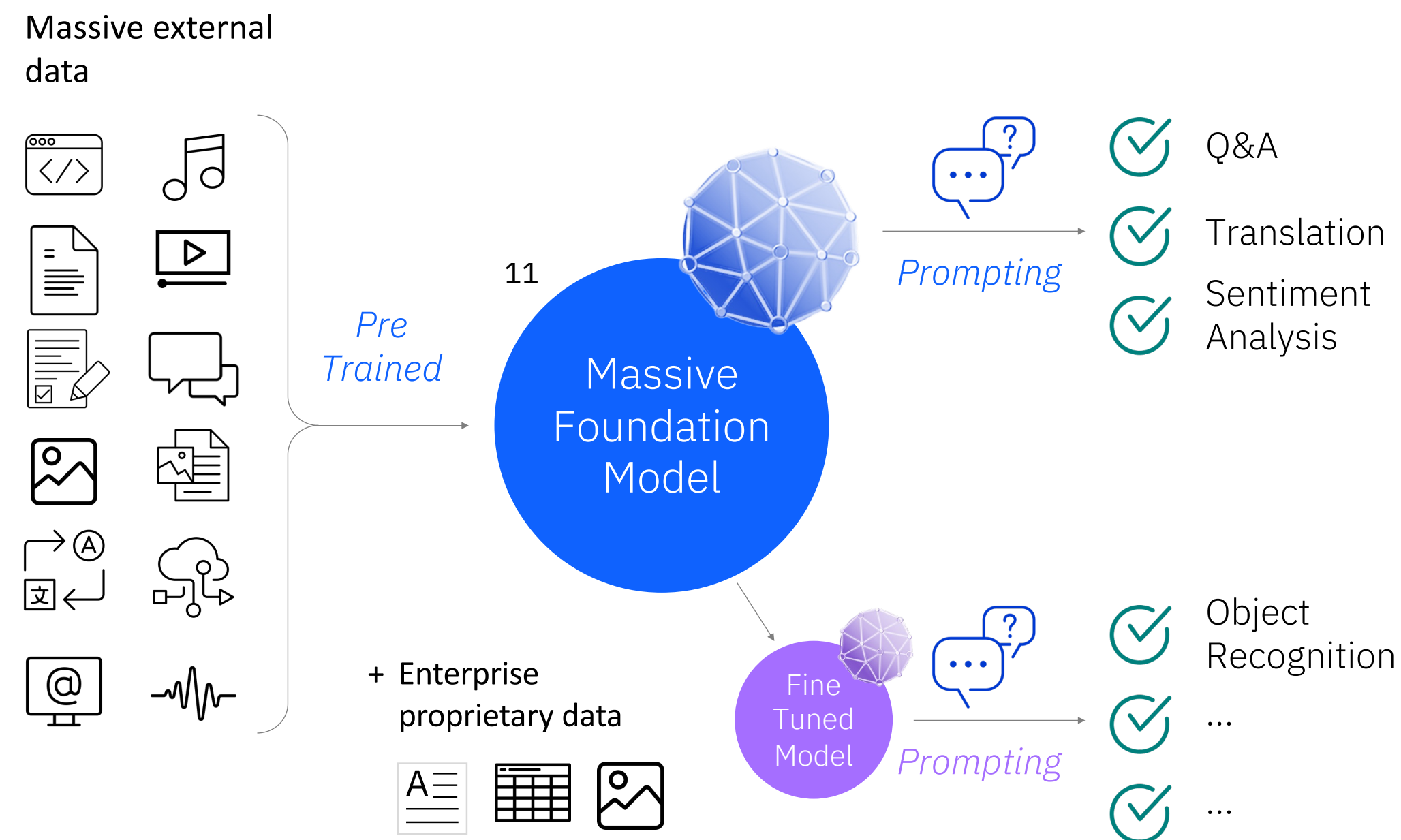
Foundation models establish a new paradigm for AI capabilities

Traditional AI models



- Individual siloed models
- Require task specific training
- Lots of human supervised training

Foundation Models



- Massive multi-tasking model
- Adaptable with little or no training
- Pre-trained unsupervised learning

Enhanced capabilities

- Summarization
- Conversational Knowledge
- Content Creation
- Code Co-Creation

Key advantages

- Lower upfront costs through less labeling
- Faster deployment through fine tuning and inferencing
- Equal or better accuracy for multiple use cases
- Incremental revenue through better performance

up to **70% reduction**
in certain NLP tasks

Put AI to work with **watsonx**.

The platform
for AI and data

watsonx

Scale and
accelerate the
impact of AI across
your business

watsonx.ai

Build, train, validate, tune and
deploy AI models

A next generation enterprise
studio for AI builders to build,
train, validate, tune, and deploy
both traditional machine learning
and new generative AI
capabilities powered by
foundation models. It enables
you to build AI applications in a
fraction of the time with a
fraction of the data.

watsonx.data

Scale AI workloads, for all
your data, anywhere

Fit-for-purpose data store, built on
an open lakehouse architecture,
supported by querying, governance
and open data formats to access
and share data.

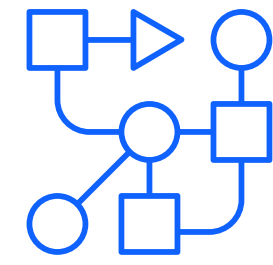
watsonx.governance

Accelerate responsible,
transparent and explainable AI
workflows

End-to-end toolkit for AI
governance across the entire model
lifecycle to accelerate responsible,
transparent, and explainable AI
workflows

watsonx

Scale and accelerate
the impact of AI
across your business



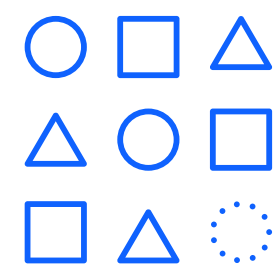
Select and tune AI models for better performance and TCO

- IBM models trained in targeted domains
- Curated library of third-party, open-source models
- Studio to train, validate, tune, and deploy models



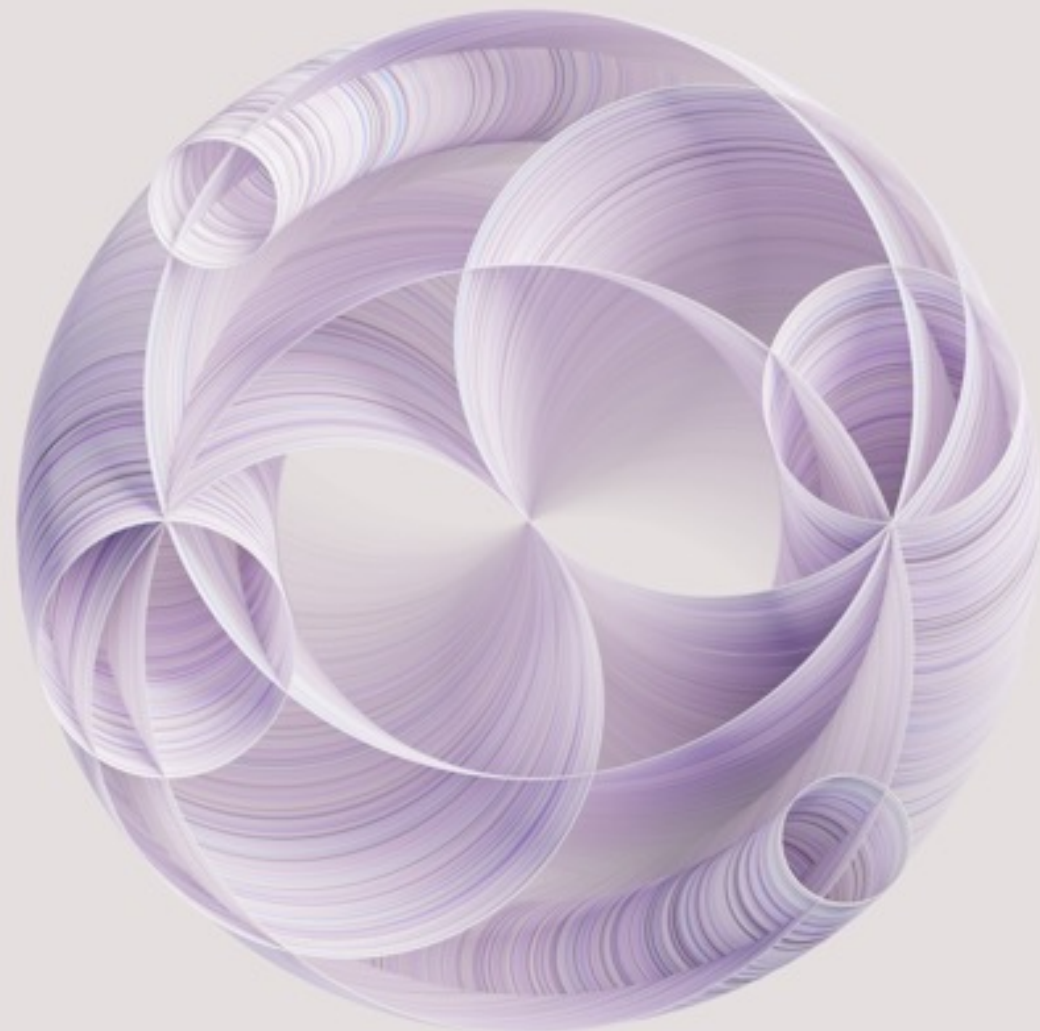
Scale AI use cases faster

- Data store to access and share all your data
- Choice of infrastructure, from on premises to the cloud
- AI assistants to accelerate adoption
- Expertise to take AI from pilot to production



Implement AI with trust

- AI lifecycle governance, from training and tuning to deployment
- Model guardrails and IBM model indemnification
- Data governance, from quality to privacy and compliance



Train, validate, tune and deploy AI models

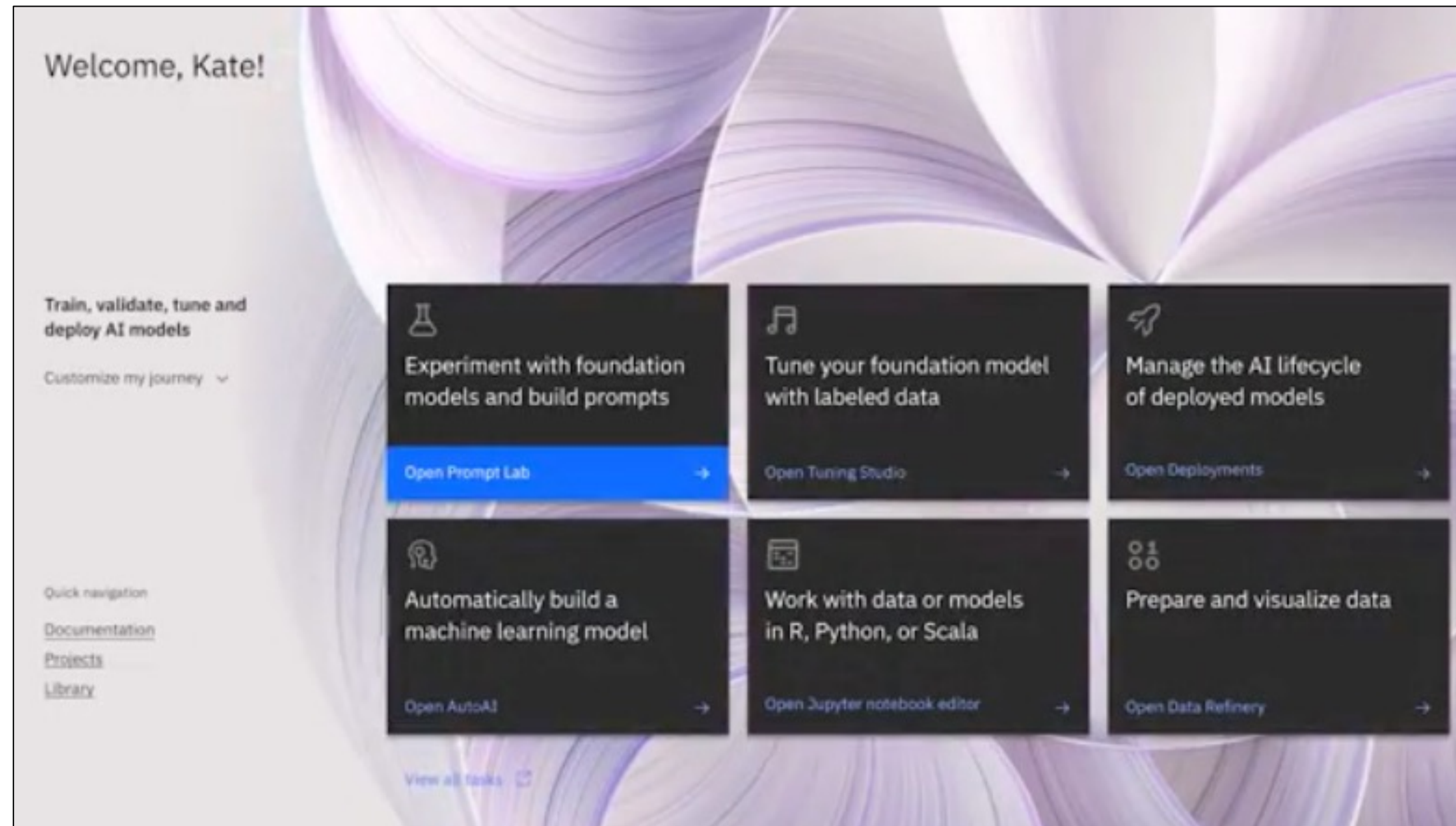
A next generation enterprise studio for AI builders to train, validate, tune and deploy both traditional ML and new generative AI capabilities, powered by foundation models

watsonx.ai



watsonx.ai

Build, train, validate, tune, and deploy AI models



A next generation enterprise studio for AI builders to train, validate, tune, and deploy generative AI, foundation models, and machine learning capabilities.

The watsonx.ai components include:

- **Foundation Model Library** with IBM and open-source models
- **Prompt Lab** to experiment with foundation models and build prompts for various use cases and tasks
- **Tuning Studio** to tune your foundation models with labeled data
- **Data Science and MLOps** to build machine learning models automatically with model training, development, visual modeling, and synthetic data generation

watsonx.ai – Models available

granite-instruct/chat-V2 <i>13 billion params</i> decoder only	llama-2* <i>13/70 billion params</i> decoder only	flan-t5-xl-3b <i>3 billion params</i> encoder/decoder	flan-t5-xxl-11b <i>11 billion params</i> encoder/decoder	flan-ul2-20b <i>20 billion params</i> encoder/decoder	gpt-neox-20b¹ <i>20 billion params</i> decoder only	mixtral 8x7b instruct <i>8x7 billion params</i> decoder only	mpt-instruct2-7b¹ <i>7 billion params</i> decoder only
Q&A	Q&A	Q&A	Q&A	Q&A	Generate	Q&A	Q&A
Generate	Generate	Generate	Generate	Generate	Summarize	Generate	Generate
Extract	Extract	Extract	Extract	Extract	Classify	Extract	mt0-xxl-13b <i>13 billion params</i> encoder/decoder
Summarize	Summarize	Summarize	Summarize	Summarize		Summarize	
Classify	Classify	Classify	Classify	Classify		Classify	
RAG	RAG	RAG	RAG	RAG		RAG	
	Prompt Tune					CodeGen	
	*Japanese-language Llama 2 model is available in the Tokyo region (elyza-Japanese-llama-2-7b-instruct)				starcoder-15.5b¹ <i>15.5 billion params</i> decoder only		Q&A
							Generate
							Summarize
					flan-t5-xl-3b <i>3 billion params</i> encoder/decoder		Classify
					Prompt Tune		

watsonx.ai and its own foundation models

Model architectures	Architecture name	Use case
Encoder-only	Slate (use through a Watson Studio notebook)	Best cost performance trade-off for non-generative use cases but require task-specific labeled data for fine tuning.
Decoder-only	Granite	Designed explicitly for generative AI use cases; represents the architectures used in GPT-3 and other popular LLMs.
Encoder-decoder	Sandstone To be released...	Support both generative and non-generative use cases. Best cost performance trade-off for generative use cases when input is large but generated output is small.

The initial focus is on two categories for each model: language and code. A model’s name will identify its characteristics

Model naming convention: `<category>/<architecture><opt sub arc>.<size>.<opt info>` where the 2 initial categories are fm.code and fm.language or fm.code/<architecture> where fm is the name of the foundation model

Examples:

- `fm.language/sandstone.3b` is the Encoder-decoder model on language-related tasks with 3b parameters.
- `fm.code/granite.350m.ansible` is the Decoder model on code-related tasks with 350m parameter for ansible

watsonx.ai: Prompt Lab

Experiment with foundation models and build prompts

Interactive prompt builder

Includes prompt examples for various use cases and tasks

Experiment with different prompts, save and reuse older prompts, use different models and vary different parameters

Experiment with zero-shot, one-shot, or few-shot prompting to get the best results

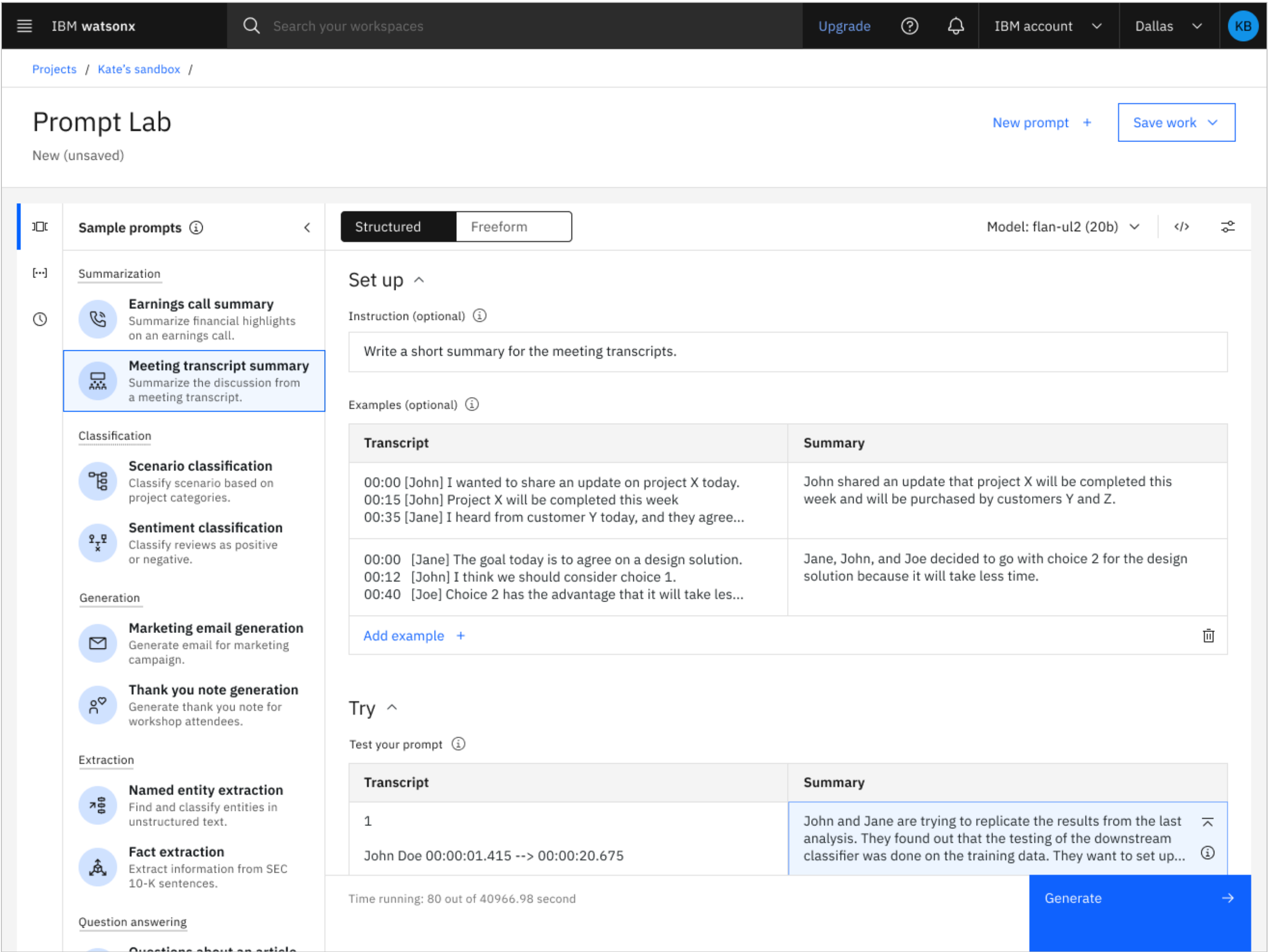
Experiment with prompt engineering

Choice of foundation models to use based on task requirements

Prevent the model from generating repeating phrases

Number of min and max new tokens in the response

Stop sequences – specifies sequences whose appearances should stop the model



Zero/One/Few Shot learning / Prompt Engineering

Foundation models are adaptable. One way to adapt the model is using prompt engineering.

What is prompt engineering?

- Prompt engineering is a new discipline for finding the optimal prompt to use with a foundation model for the best performance
- A prompt is a way to communicate with the foundation model to:
 - Pass additional instructions on how the model should respond
 - Feed task-specific context to the model

Zero-shot

```
1 Translate English to French:
2 cheese => .....
```

One-shot

```
1 Translate English to French:
2 sea otter => loutre de mer
3 cheese => .....
```

Few-shot

```
1 Translate English to French:
2 sea otter => loutre de mer
3 peppermint => menthe poivrée
4 plush girafe => girafe peluche
5 cheese => .....
```

watsonx.ai Use cases

1 Retrieval-Augmented Generation (RAG)

Based on a set of documents or dynamic content, create a chatbot or a question-answering feature grounded on specific content. E.g., building a Q&A resource from a broad knowledge base, providing customer service assistance

**note: only possible with watsonx.ai and Watson discovery*

2 Summarization

Transform text with domain-specific content into personalized overviews, capturing key points

E.g., sales conversation summaries, insurance coverage, meeting transcripts, and contract information

3 Content Generation

Generate text content for a specific purpose.

E.g., content creation for marketing campaigns, job descriptions, blog posts and articles, and email drafting support

4 Named Entity Recognition

Identify and extract essential information from unstructured text

E.g., audit acceleration, SEC 10K fact extraction

5 Insight Extraction

Analyze existing unstructured text content to surface insights in specialized domain areas.

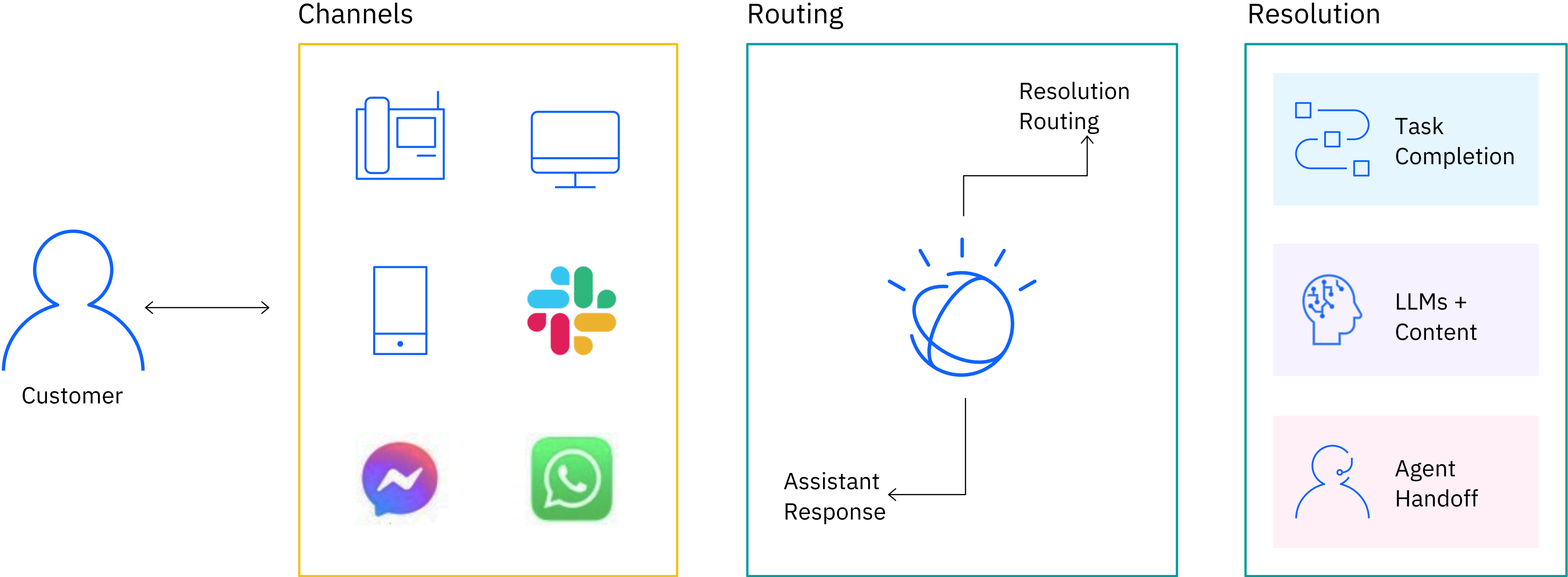
E.g., medical diagnosis support, user research findings

6 Classification

Read and classify written input with as few as zero examples

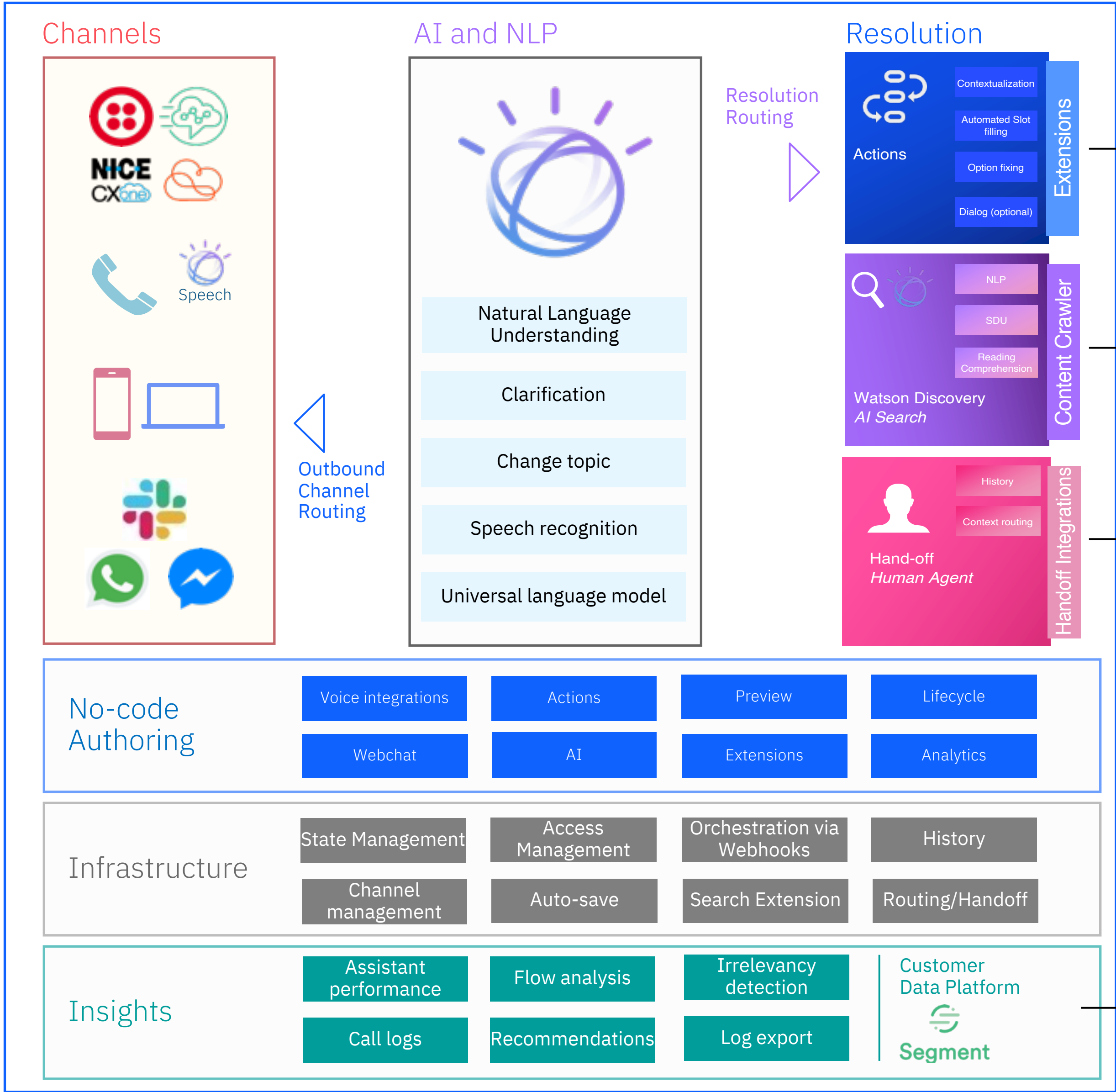
E.g., sorting of customer complaints, threat & vulnerability classification, sentiment analysis, and customer segmentation

Watson Assistant is IBM's Conversational AI Platform

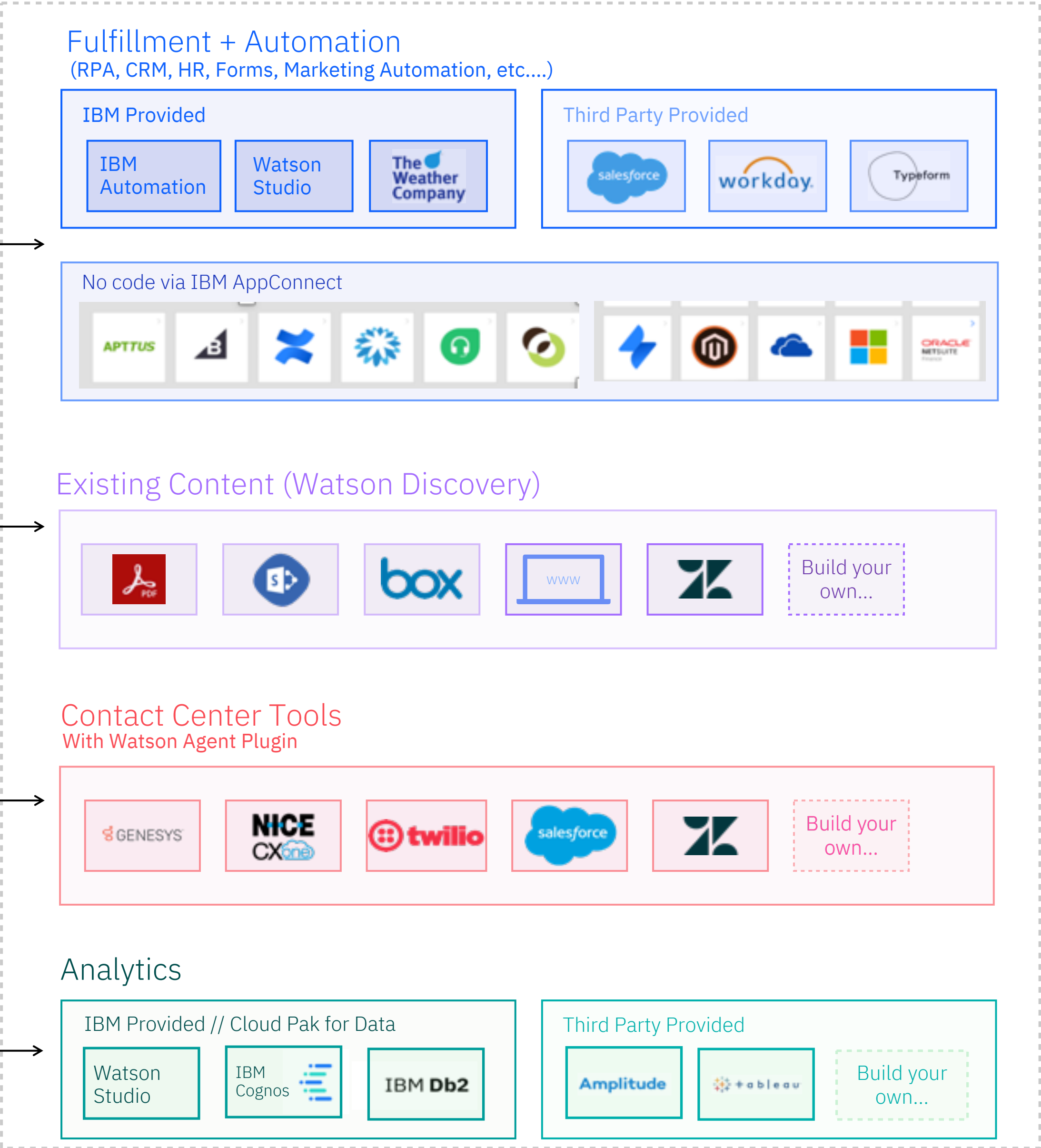


Architecture and Extensibility

Watson Assistant

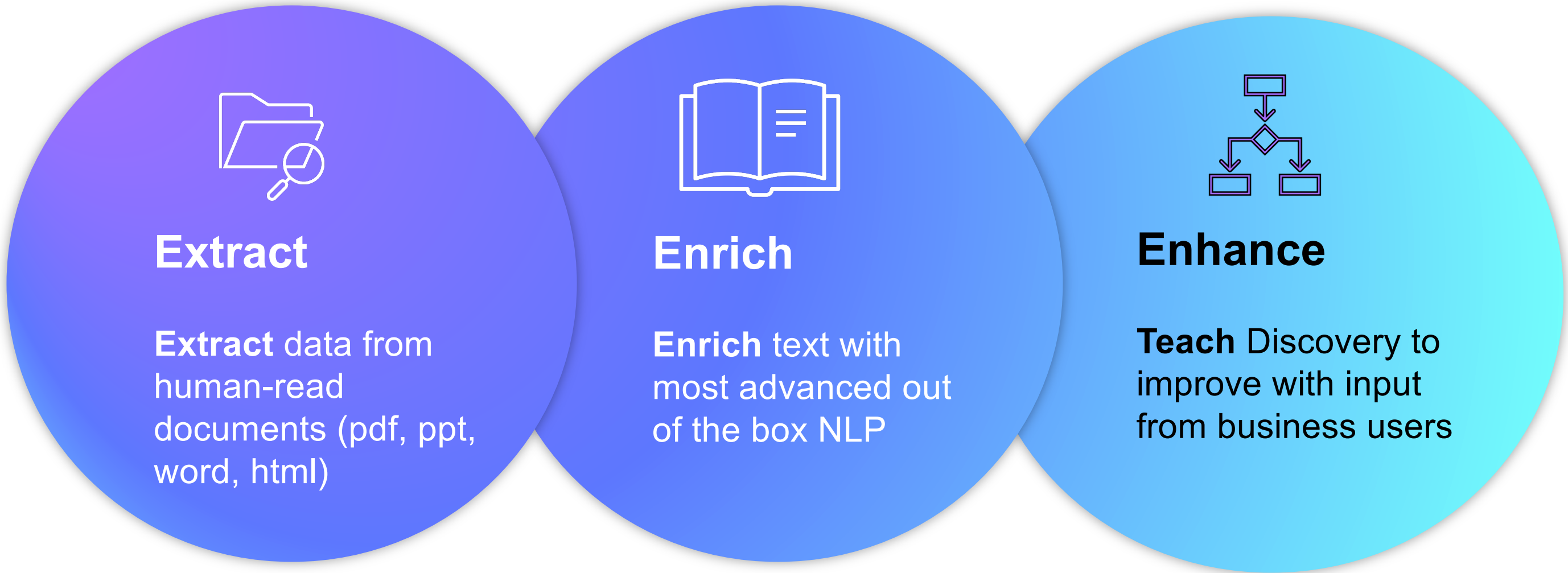


Integration Ecosystem



Watson Discovery

80% of data is unstructured- Watson Discovery understands the language of business documents to help domain experts



- Analyze
- Navigate
- Automate

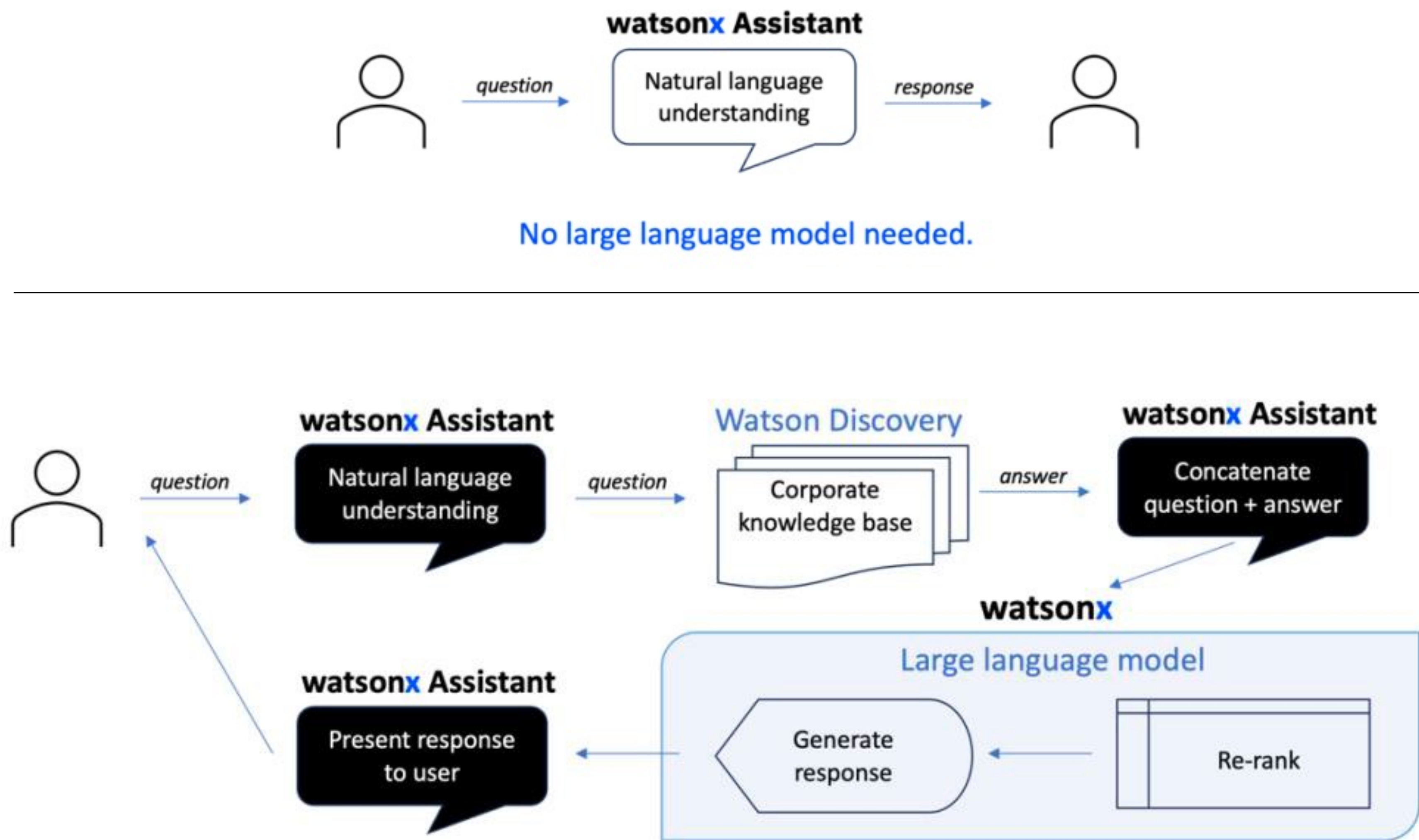


Date		
Product		
Party		
Term	Rate	\$\$
Term	Rate	\$\$
Termination clause		

Date ✓		
Product ✗		
Party +		
Term	Rate	\$\$
Term	Rate	\$\$
Termination clause ✓		

IBM's primary offering for understanding the language of business

Integrating watsonx Assistant with Watson Discovery and watsonx.ai



Call to action

1

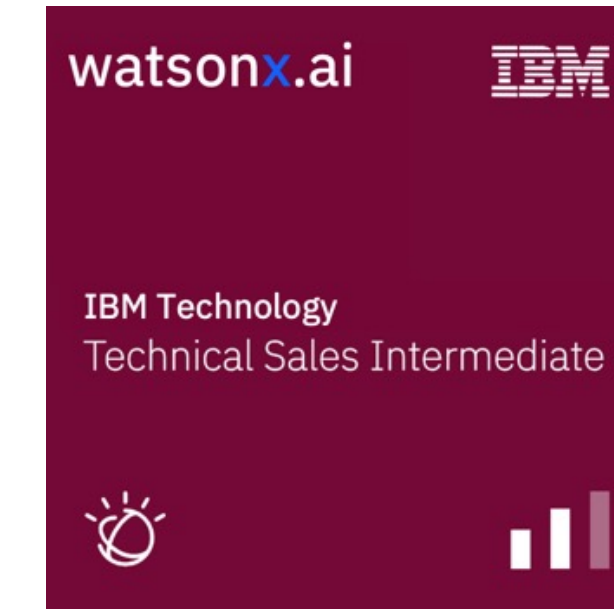
Challenge yourself to deliver a watsonx briefing for each of your clients

- Join [watsonx](#) platform
- Leverage the [watsonx.ai](#) presentation, [generative AI whitepaper](#) and [watsonx.ai video](#)

2

Get Prepared - Complete required learning & earn your **watsonx.ai** sales foundation badge

- [AI Fundamentals](#)
- [AI for Business](#)
- [watsonx.ai Level 2](#)
- [watsonx.data Level 2](#)



3


[Learn AI Hands-on - Generative AI](#)









[Prompt Engineering for Everyone](#)

[Integrate watsonx Assistant with watsonx.ai](#)



Demo - Backup


watson Discovery

 IBM Cloud

 Catalog Manage  2137218 - Data Squad      

Resource list /

watsonx-instance  Active Add tags 

Details Actions... 


Manage

Service credentials

Plan

Start by launching the tool

Launch Watson Discovery

Getting started tutorial 



API reference

Plan


Plus

Upgrade

Credentials

Download  Show credentials 

API key:

..... 

URL:


.....

Endpoints

A public network endpoint is currently active for this instance.

[Learn about service endpoints.](#)

Manage endpoint



IBM Watson Discovery Plus

Upgrade

My projects

?

Improve and customize

Manage collections

Integrate & deploy

ions /

nce

Preview data

Apply changes and reprocess

Manage data

Identify fields

Manage fields

Enrichments

Processing settings

CSV settings

ta.filename	text
nt.docx	Car insurance coverage is an important concept to understand when you buy car insurance. You drive to work or tak...

1-1 of 1 items

1 of 1 page

IBM Watson Discovery Plus

Upgrade

My projects

?

Insurance /

Manage collections

Vehicle Insurance

1 document

Last updated: 7/22/2023

Preview data

New collection

+

IBM Watson Discovery Plus

Upgrade

My projects

?

Insurance / Manage collections /

Vehicle Insurance

Preview data

Apply changes and reprocess →

Activity

Manage data

Identify fields

Manage fields

Enrichments

Processing settings

CSV settings

🕒 Collection last updated: 07/22/2023, 12:56:12 AM GMT+5:30

1 Documents available

0 Warnings / errors

Warnings and errors at a glance [View all](#)

🔄 Loading notices.

Upload data

Add data by uploading more to the collection. →

Try it out

When your collection is ready, go to "Improve and customize" to test your project →

IBM Watson Discovery Plus

Upgrade

My projects

?

Insurance / Manage collections /

Vehicle Insurance

Preview data

Apply changes and reprocess →

Activity

Manage data

Identify fields

Manage fields

Enrichments

Processing settings

CSV settings

Find documents

extracted_metadata.filename	text
insurance-document.docx	Car insurance coverage is an important concept to understand when you buy car insurance. You drive to work or tak...

Items per page: 10 ▾

1-1 of 1 items

1 ▾ of 1 page

◀ ▶

IBM Watson Discovery Plus

Upgrade

My projects

?

Insurance / Manage collections / Vehicle Insurance /

← insurance-document.docx

View as: Text

Identified elements

Based on the enrichments that are applied to the project, the following items were found. Select items below to show them highlighted in the document.

Clear all

Entities v2

Number (33)

Organization (21)

Ordinal (14)

JobTitle (3)

Location (3)

Show all

Cost of repairs/replacement of the damaged vehicle of third parties

Cost of hospitalization and treatment of third parties

Liabilities arising out of death of third parties

According to the Motor Vehicles Act, third-party car insurance coverage is a must to drive on the roads. The sum assured should be according to the driving conditions and sufficiently high to avoid out-of-pocket payments from your side. For Third-Party Liability Only Cover , Annual Premium amount is Rs. 50,000 and Insured Sum is 2,50,000.

2. Collision Damage or Own Damage (OD) Cover

When you opt for collision damage car insurance coverage, following are the benefits:

the cost of repairs to your vehicle that has been damaged is reimbursed.

To determine the cost of collision coverage, its age and Insured Declared Value are taken into account to arrive at the premium.

The IDV is based on the market value of the vehicle.

When a claim is lodged under collision coverage policy, the maximum amount payable under the policy is given by the IDV less accumulated depreciation. If you have purchased your vehicle on a loan, you should hold collision cover. For Collision Damage , Annual Premium amount is Rs. 40,000 and Insured Sum is 2,00,000.

3. Personal Accident Cover:

No matches to display

Select elements under "Identified elements" to view matches here.

watsonx Assistant

IBM watsonx Assistant Lite

Upgrade

Conversational ...

Learning resources

?

Actions

All items

Created by you

Set by assistant

Variables

Created by you

Set by assistant







Set by integration

Saved responses

Created by you /

Filter by name

New action +

<input type="checkbox"/>	Name	Last edited	Examples count	Steps count	Status	
<input type="checkbox"/>	 Generate Answer	6 months ago	0	10		⋮
<input type="checkbox"/>	 Invoke watsonx generation API	6 months ago	0	3		⋮
<input type="checkbox"/>	 Search	6 months ago	0	6		⋮

Items per page: 50

Showing 1–3 of 3 items

1

1 of 1 pages

◀

▶

Preview ▶

IBM watsonx Assistant Lite

Upgrade

Conversational ...

Learning resources

?

Home

Build

Actions

Preview

Deploy

Publish

Environments

Improve

Analyze

Integrations










Activity log

Assistant settings

Created by you /

Filter by name

New action +

<input type="checkbox"/>	Name	Last edited	Examples count	Steps count	Status	
<input type="checkbox"/>	 Generate Answer	6 months ago	0	10		
<input type="checkbox"/>	 Invoke watsonx generation API	6 months ago	0	3		
<input type="checkbox"/>	 Search	6 months ago	0	6		

Items per page: 50 Showing 1–3 of 3 items

1 1 of 1 pages

Preview

IBM watsonx Assistant Lite

Upgrade

Conversational ...

Learning resources

?

Preview assistant

Copy link to share

Change background +

Customize web chat

Sample website

Hi! I'm a virtual assistant.
How can I help you today?

Example: Find nearby location

Example: Check account balance

Example: See how I can help

Built with IBM watsonx

IBM watsonx Assistant LiteUpgradeConversational ...

Learning resources?

Preview assistant

Copy link to shareChange backgroundCustomize web chat

Sample website

Watson Assistant

What is the insurance sum for Comprehensive Car Insurance?

95,000

Type something...

Built with IBM watsonx



Extensions

Add features or content to your assistant using custom or pre-built extensions.

[Learn more](#)

Build custom extension →



Search

Extend the scope of what your assistant can answer by searching documents and websites.

[Try Plus plan](#) +



Segment

Get a better understanding of your users' end-to-end journeys by combining your assistant's data with other sources.

[Learn more](#)



test



wd-ext



Integrations

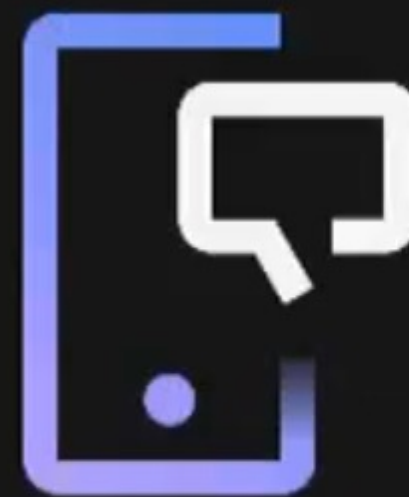
Add different channels and extensions to easily configure and deploy your assistant.



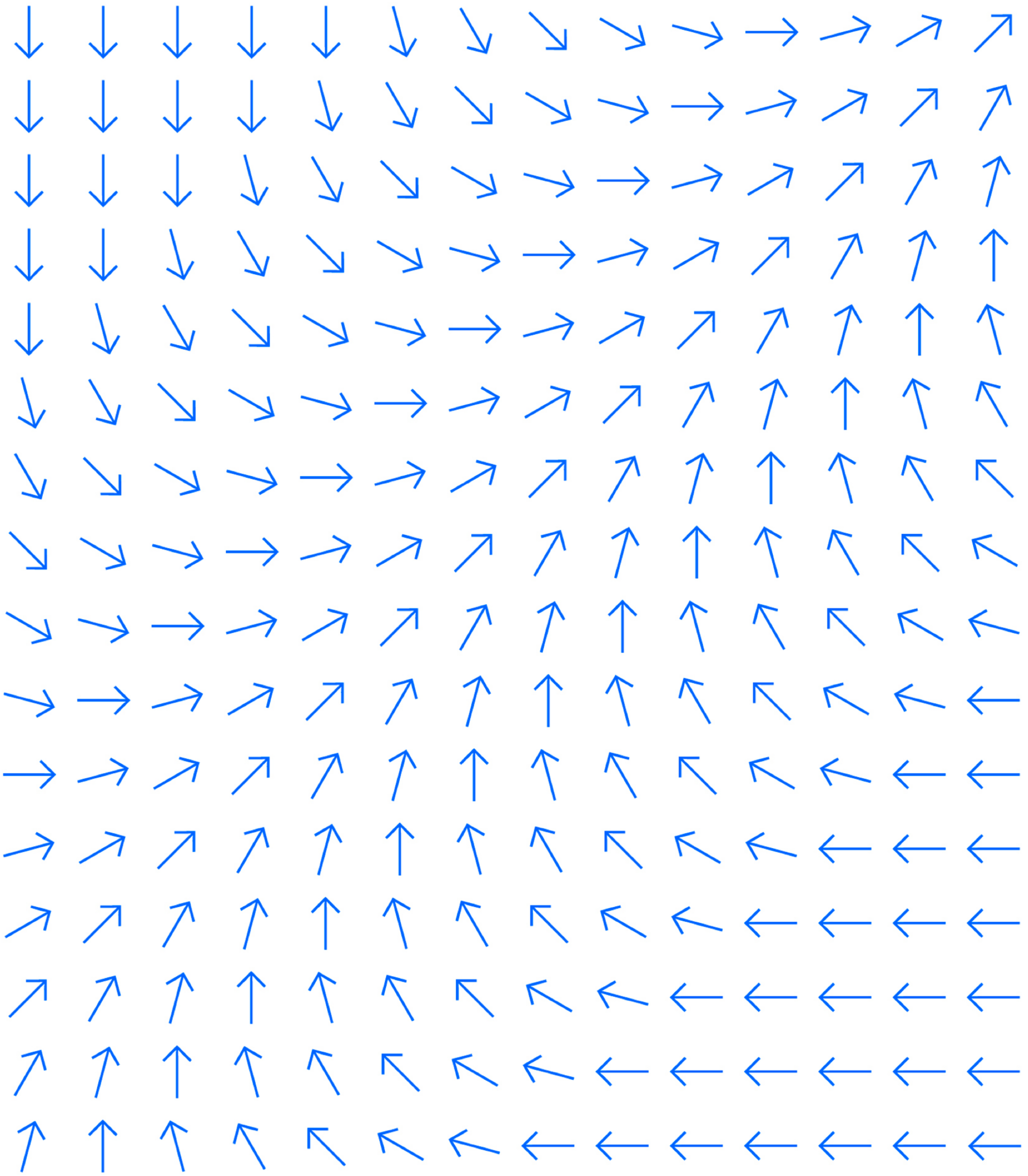
Essential channels

Add our most utilized methods of deploying assistants.

These channels support additional customization and advanced integrations.



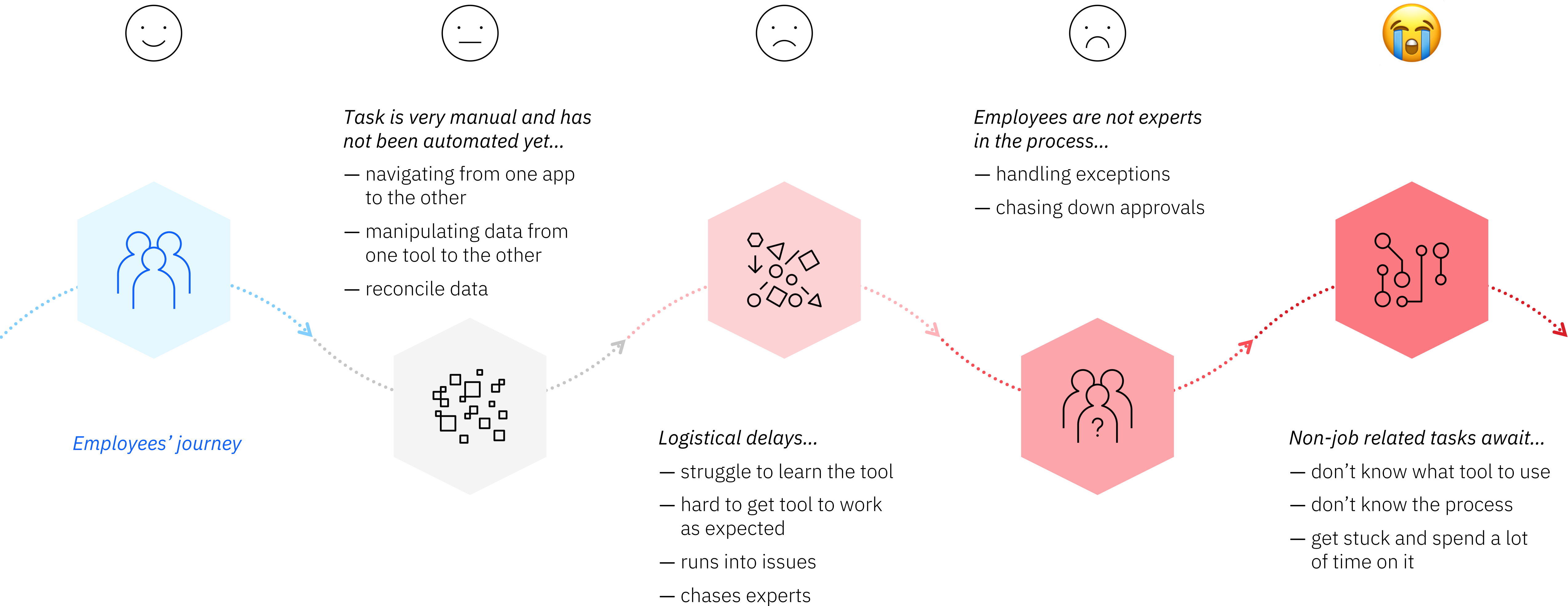
IBM watsonX Orchestrate



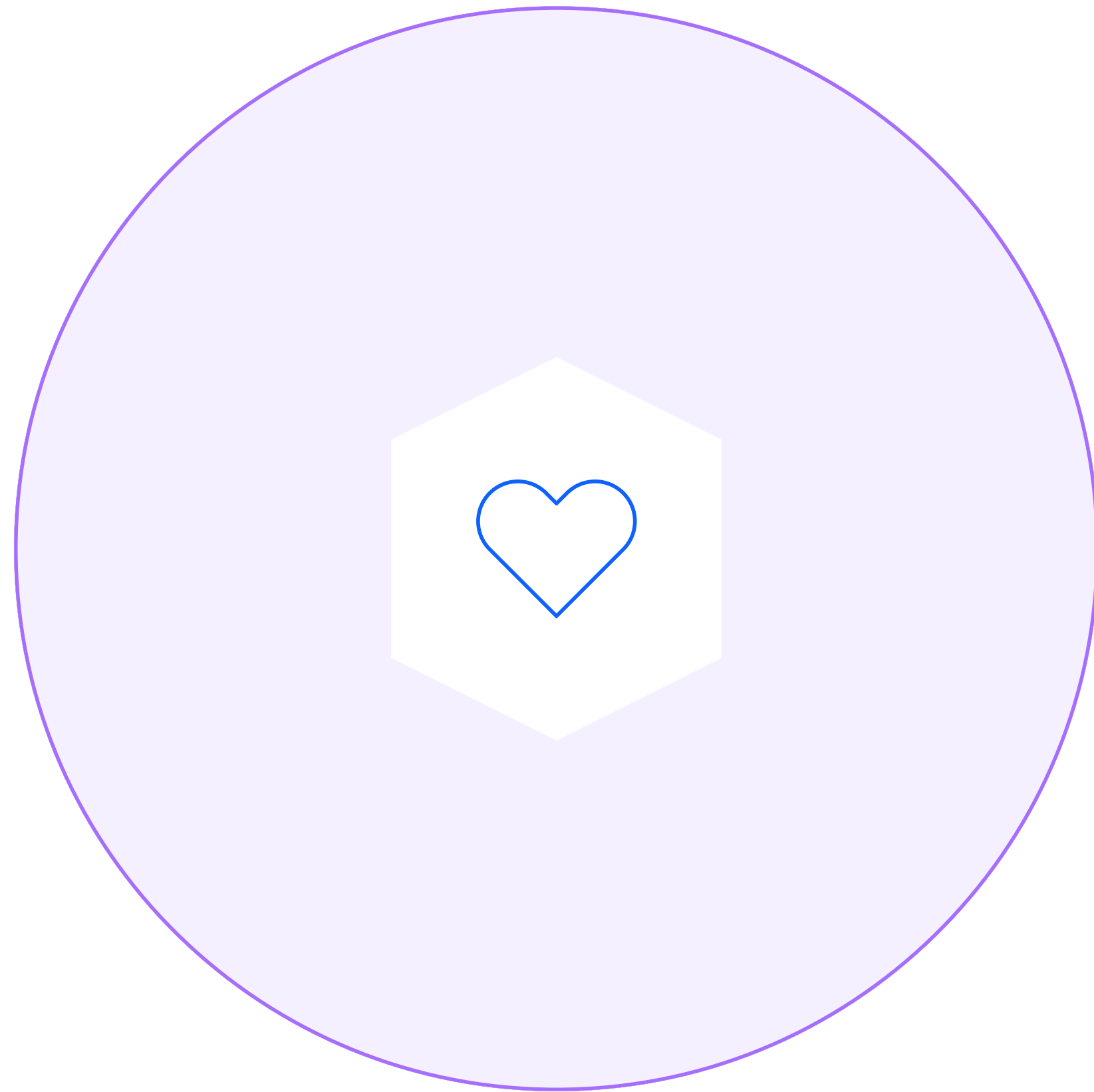
After years of investments
in automation, employee
productivity is still
declining



Employee productivity *is hindered* by having siloed and disconnected tasks, systems, and processes



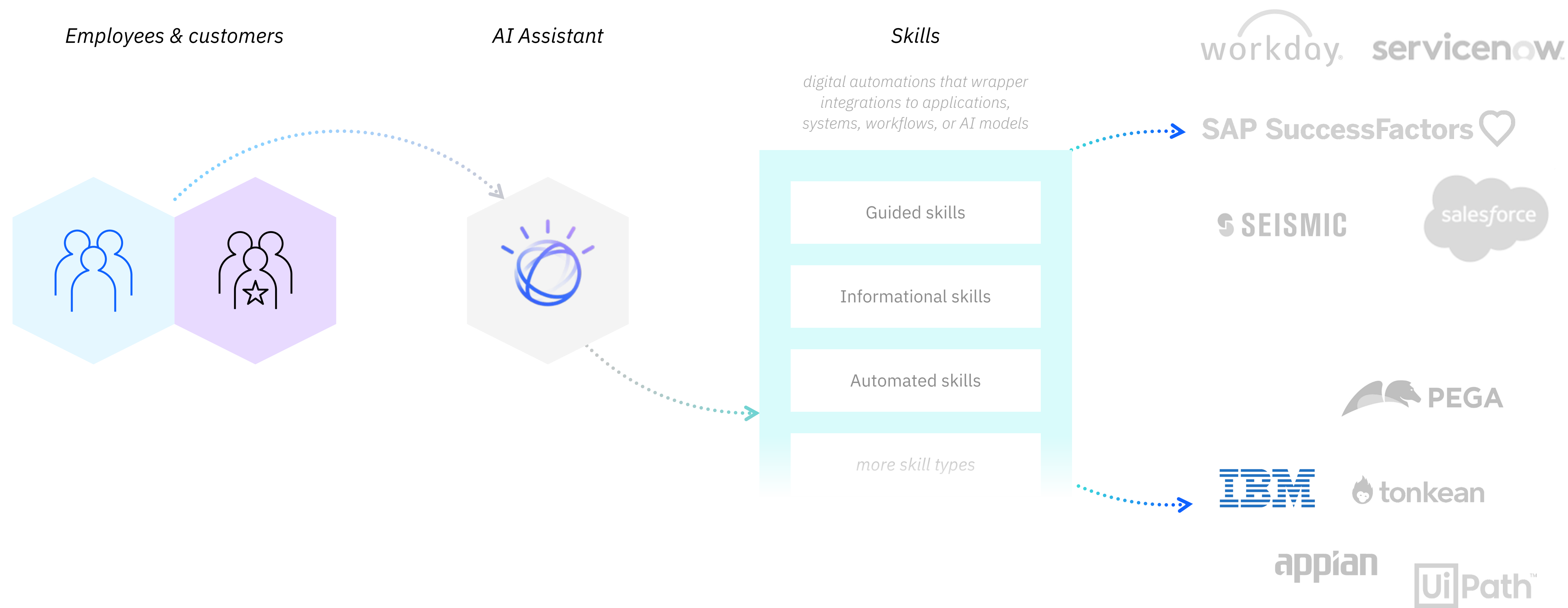
watsonx orchestrate: Unlock
productivity with AI assistants



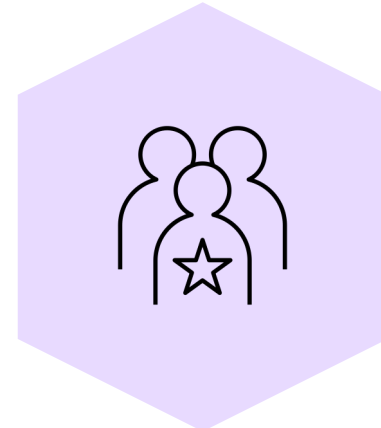
Harness the power of Gen AI and automation to *free up* individuals across the enterprise from tedious daily tasks

Work, *reimagined*.

IBM's AI assistants use Foundation Models and Automation to *orchestrate* skill execution and *reduce* time and effort



watsonx Orchestrate: platform to build AI assistants



Customers

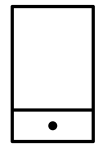


Employees



SMEs

Engage via channels



Conversational experiences

Invoke advanced skills

- Create job requisition
- Schedule interview
- Generate offer email
- Send out offer
- Promote employee
- Transfer employee
- Identify upsell accounts
- Recommend new plans

Gen AI skills
watsonx

CLASSIFY | GENERATE | SUMMARIZE | EXTRACT

Execute automations



1

Democratize the availability of automation through natural language across multiple channels

2

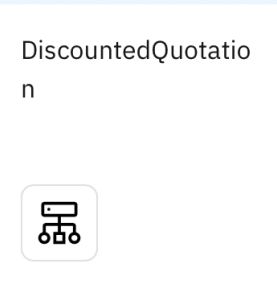
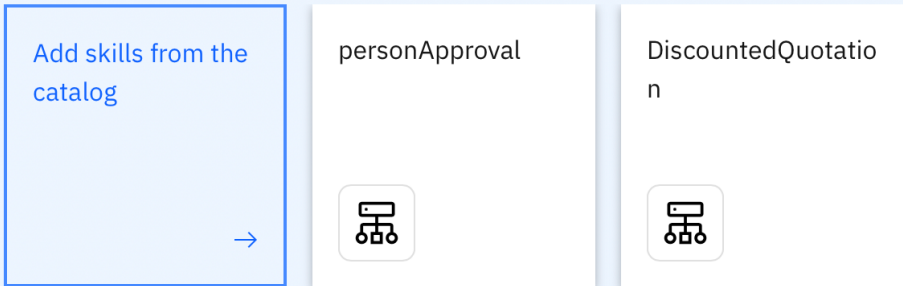
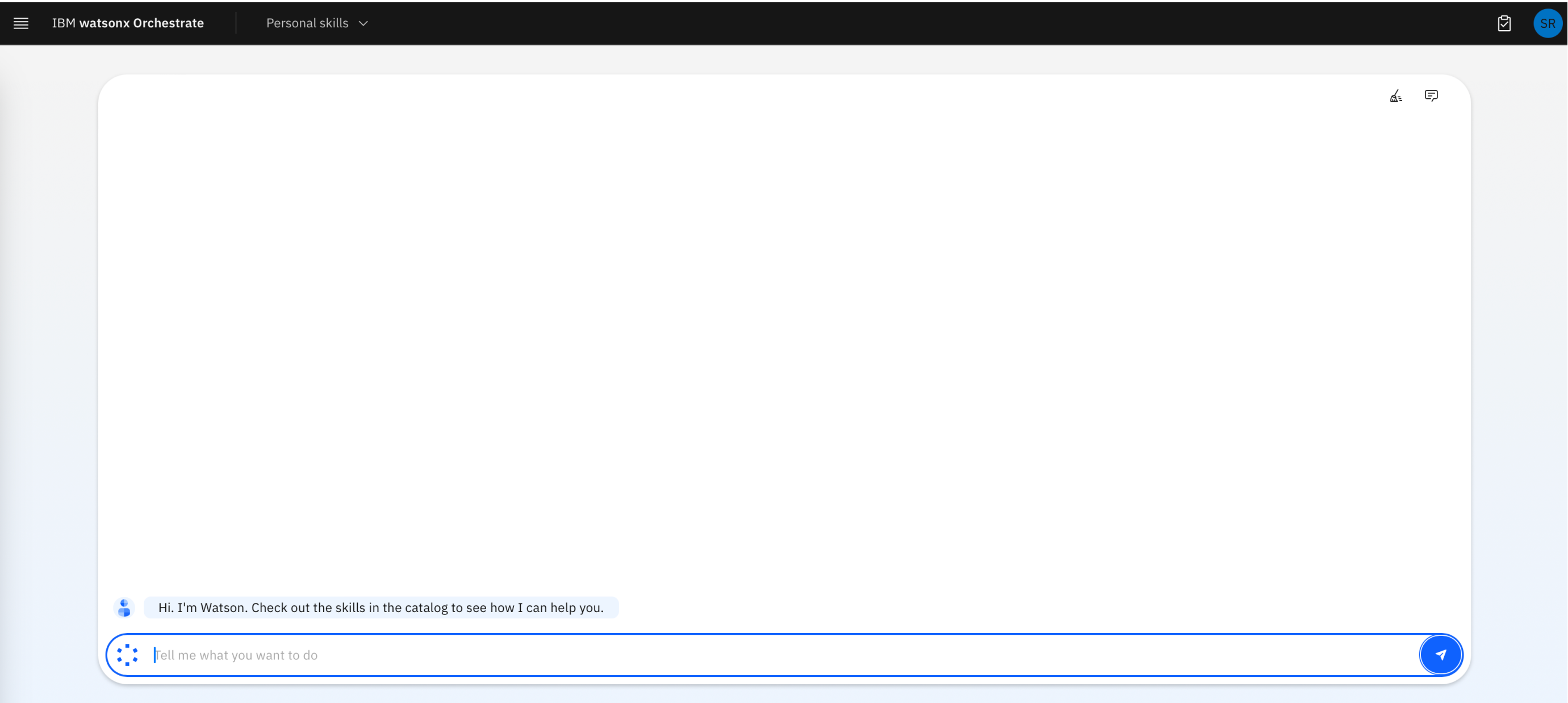
Invoke advanced skills that leverage Gen AI to accomplish net new tasks

3

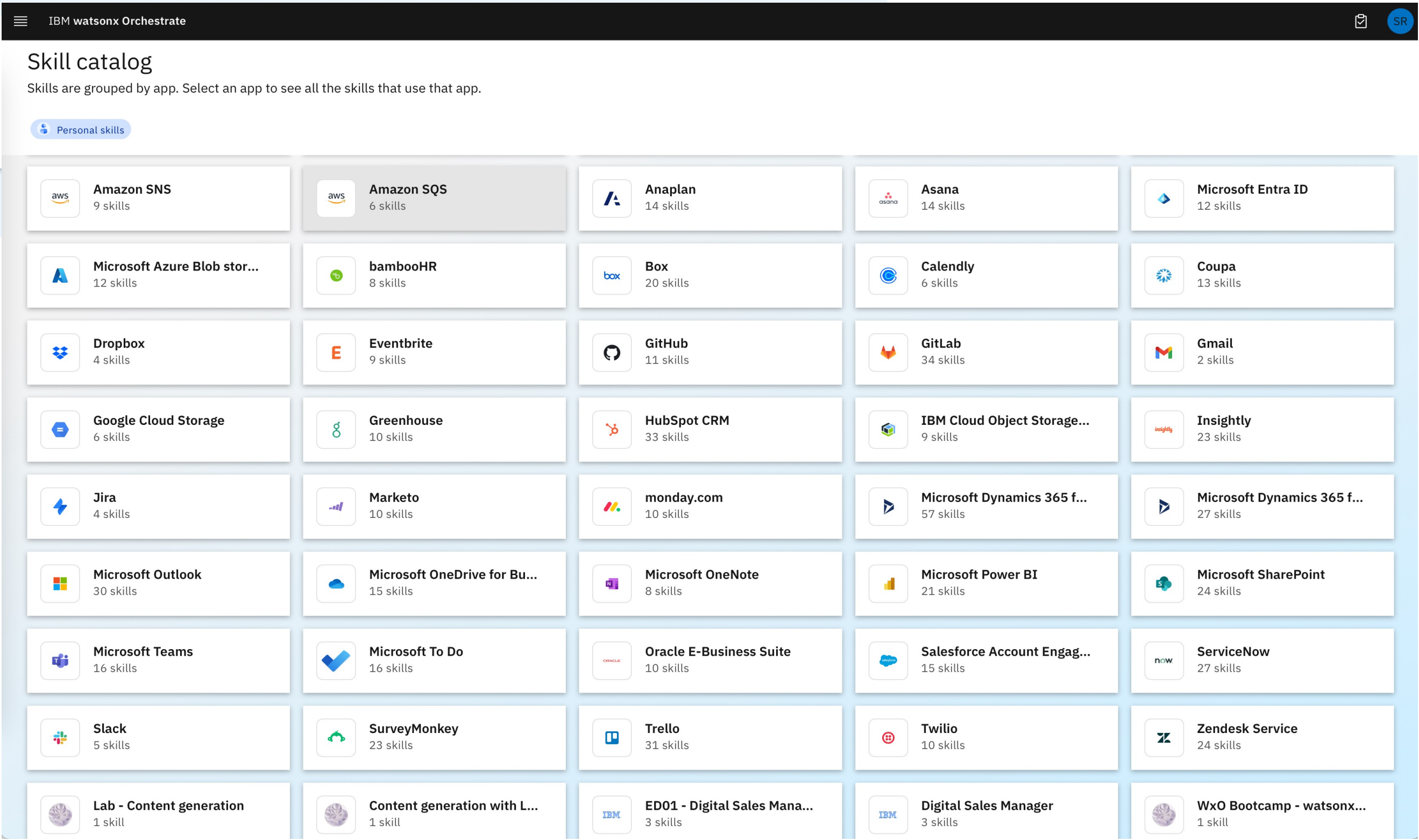
Power AI Assistant skills leveraging existing Automation

AI Assistant interface & skill catalog

The AI Assistant interface enables users to interact with Watsonx Orchestrate using natural language.



The Skill catalog includes over 100 pre-built skills, as well as custom skills created or imported by the builder.





Enhancing New Skills

You can now customize and enhance your skills through a UI-based experience.

Training your skills to drive greater clarity is easier than ever before with the low code skill enhancing experience.

Custom annotations are no longer required to define inputs, outputs, phrases, and next best skill recommendations.

Skills						
Name	Step in the process	Status	Skill type	Author	Last edited	
⌵ Extract personal identifiable information (PII)	Ready to use	Published	Automation	Brahm.Singh@ibm.com	February 27 2024	⋮
⌵ Content Generation using watsonx	Ready to use	Published	Imported	muralidhar.chavan@in.ibm.com	February 27 2024	⋮
⌵ Translates text	Ready to use	Published	Imported	muralidhar.chavan@in.ibm.com	February 27 2024	⋮
⌵ Generate and translate content	Ready to use	Published	Skill flow	muralidhar.chavan@in.ibm.com	February 27 2024	⋮
⌵ Simplified watsonxai generation API	Just 1 step away to be ready	Ready to publish	Imported	jan.merkel@ibm.com	February 26 2024	⋮
⌵ DSM - Send for Additional Discount and Send for Quotatio...	Ready to use	Published	Skill flow	vivek.satwal1@ibm.com	February 26 2024	⋮
⌵ DiscountedQuotation	Ready to use	Published	Automation	vivek.satwal1@ibm.com	February 26 2024	⋮
⌵ DiscountApproval	Ready to use	Published	Automation	vivek.satwal1@ibm.com	February 26 2024	⋮
⌵ CalculateDiscountQuotation	Ready to use	Published	Skill flow	vivek.satwal1@ibm.com	February 24 2024	⋮
⌵ personType	Ready to use	Published	Automation	shwetrai@in.ibm.com	February 24 2024	⋮
Items per page: 10 ⌵ 11–20 of 37 items					2	⌵
						Enhance this skill
						Export this skill
						Delete this skill

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Enhance the “Translates text” skill

Add details that will make people want to use this skill.

Name	Input	Output	Security	Phrases	Next best skills
Name and describe this skill in a way that tells users how it’s used and why they would want to use it.					
Name*					
Translates text					
Description					
Translates text from one language to another					
API version*					
3.0.0					
Categories					
Add categories					

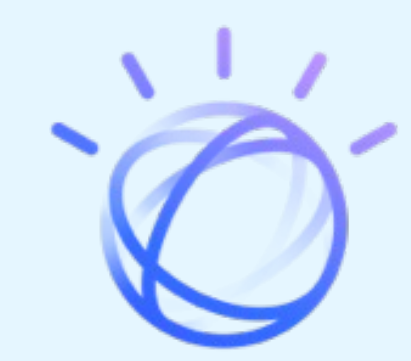
Enhancing New Skills

Inputs and Outputs

How the inputs and outputs are displayed to the skill users can now be defined through the UI. These are typically shown in a form format and are inherited from the OpenAPI spec

Parameter requirement, shown order to the user, and how the inputs and outputs are displayed can also be fully customized

Examples of these are options and text. Options present the user with a series of predefined choices for them to select from. The text options present open text fields of varying sizes: single-line or multi-line.



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Enhance the “Translates text” skill

Add details that will make people want to use this skill.

Name	Input	Output	Security	Phrases	Next best skills
The watson asks for input,the necessary information to get the most accurate results when running the skill.					
Watson asks					
Parameters					
source <input checked="" type="checkbox"/> Required					
Confirm the language you are translating from					
<div><div>Afrikaans</div><div>Arabic</div><div>Azerbaijani</div><div>Bashkir</div><div>Belarusian</div><div>Bulgarian</div><div>Bengali</div><div>Catalan</div><div>Czech</div><div>Chuvash</div><div>Welsh</div><div>Danish</div><div>German</div><div>Greek</div><div>English</div><div>Esperanto</div><div>Spanish</div><div>Estonian</div><div>Basque</div><div>Persian</div><div>Finnish</div><div>French</div><div>Irish</div><div>Gujarati</div><div>Hebrew</div><div>Hindi</div><div>Croatian</div><div>Haitian</div><div>Hungarian</div><div>Armenian</div><div>Icelandic</div><div>Italian</div><div>Japanese</div><div>Georgian</div><div>Kazakh</div><div>Central Khmer</div><div>Korean</div><div>Kurdish</div><div>Kirghiz</div><div>Lao</div><div>Lithuanian</div><div>Latvian</div><div>Malayalam</div><div>Mongolian</div><div>Marathi</div><div>Malay</div><div>Maltese</div><div>Burmese</div><div>Norwegian Bokmal</div><div>Nepali</div><div>Dutch</div><div>Norwegian Nynorsk</div><div>Punjabi</div><div>Punjabi (Shahmukhi script, Pakistan)</div><div>Polish</div><div>Pushto</div><div>Portuguese</div></div>					

Enhancing New Skills

Security

On the Security tab, you can review the authentication type and the server. These are inherited from the OpenAPI spec.

On the same page, the connection can be tested.

Skills will still need to be connected to their respective application (RPA, SAP, TWG, etc)

Name

Input

Output

Security

Phrases

Next best skills

Specify the type of authentication that people require to use this skill.

Authentication

API key

Application server used to run all skills related to the application for this skill ⓘ

Production

https://92qiscptze.execute-api.ap-northeast-1.amazonaws.com

Does not need secure tunnel

Test the connection

API key authentication check

API key

Cancel

Submit



Enhancing New Skills



Phrases

Phrases can now be added and used to train the AI model used to trigger the skill from the chat interface. The custom annotation extension can still be used in the OpenAPI spec.

Phrases can be manually entered during skill enhancement or they can be defined in the OpenAPI spec before skill import.

We now introduce an experimental feature to generate phrases for the users to accelerate the build.



Name	Input	Output	Security	Phrases
Phrases are the text your user types in the chat box to find and use a skill.				
Generate dynamic content				
Generate text				
Create marketing contetnt				
Auto-generate phrases (Experimental)				

Enhancing New Skills

Next Best Skill Recommendations

Next best skills, which are skills suggested to the users after their current skill run returns results, can now be selected from the enhancement screen.




Suggested skills help users find skills to complete tasks that naturally follow the work currently being done.

Up to six skills can be added to the next best skill list.

NameInputOutputSecurityPhrasesNext best skills

Select the skills you want Watson to suggest as the next skills people could use after they use this skill.

0 out of 77 selected

Apps		Skill
▼	<input type="checkbox"/>	 All simple data types
▼	<input type="checkbox"/>	 Complex object data type
▼	<input type="checkbox"/>	 Supported simple data types



Creating Skill **Flows**

Skills are often more valuable when combined with other skills.

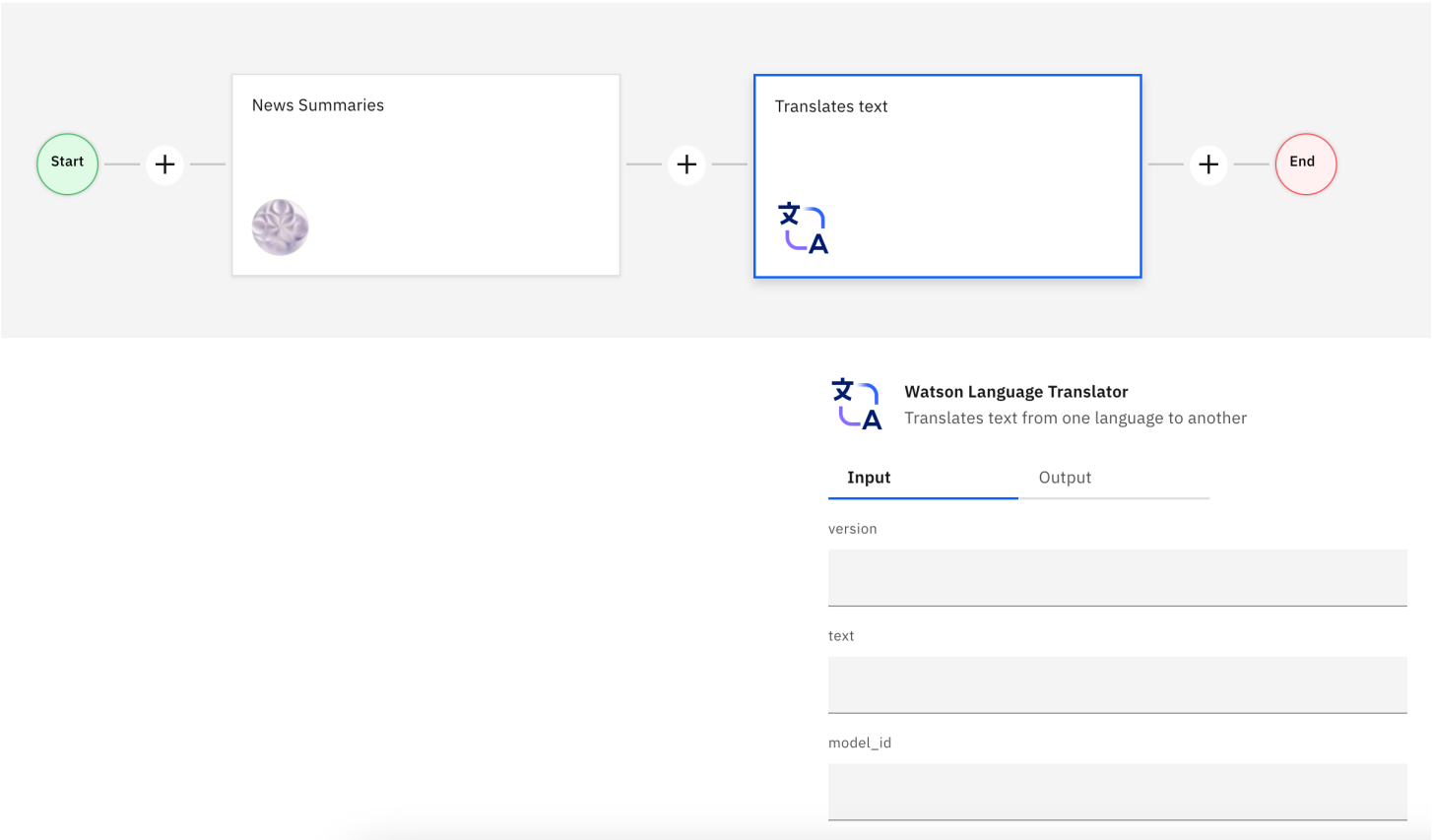
Sequences of skills can be created using a skill flow. Structure your skill flow to use two or more skills to complete a task.

These skills can be from different applications. Using a skill flow, skills can be combined to carry out multiple functional calls using a single workflow

Each skill follow has its own utterance and next best skill enhancement



Summarize news and translate it to another language



[Home](#) / [Manage skills](#) / Enhance this skill

Enhance the “Test Skill Flow” skill

Add details that will make people want to use this skill.


Name	Phrases	Next best skills
Name and describe this skill in a way that tells users how it's used and why they would want to use it.		
Name*		
Test Skill Flow		
Description		
Enter the description		
API version*		
1.0.0		
Categories		
Add categories		

Building new automations

In addition to tapping into existing investments, building RPA bots as a bridge to systems without an API, watsonx Orchestrate now empowers business teams to build new automations in low-code to fill the digital gaps and further reduce manual work.


The automation builder is a brand new unified experience to define business decisions and workflows (to start with) from scratch or starting from industry templates.


Get started by choosing a component



Decision


Automate complex business decisions with rules and decision tables.





Workflow

Model your business process and publish it to use as a skill or to generate tasks.



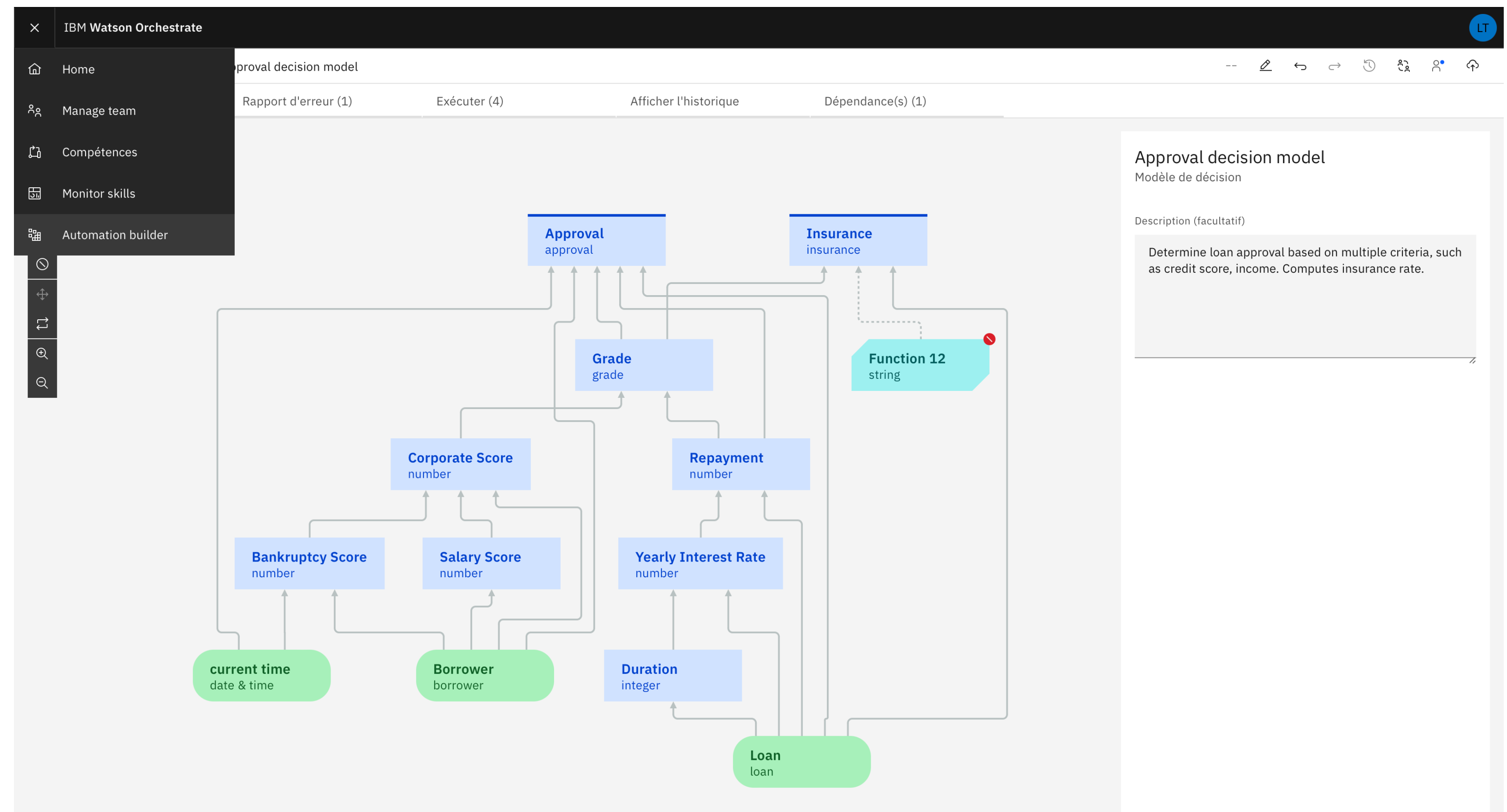


Building new automations

Decision

Empower business to codify & maintain complex decisions:

- Model a decision in **graphical tree**
- Write the business rules in **natural language** and **decision tables**
- **Test** right within the editor any



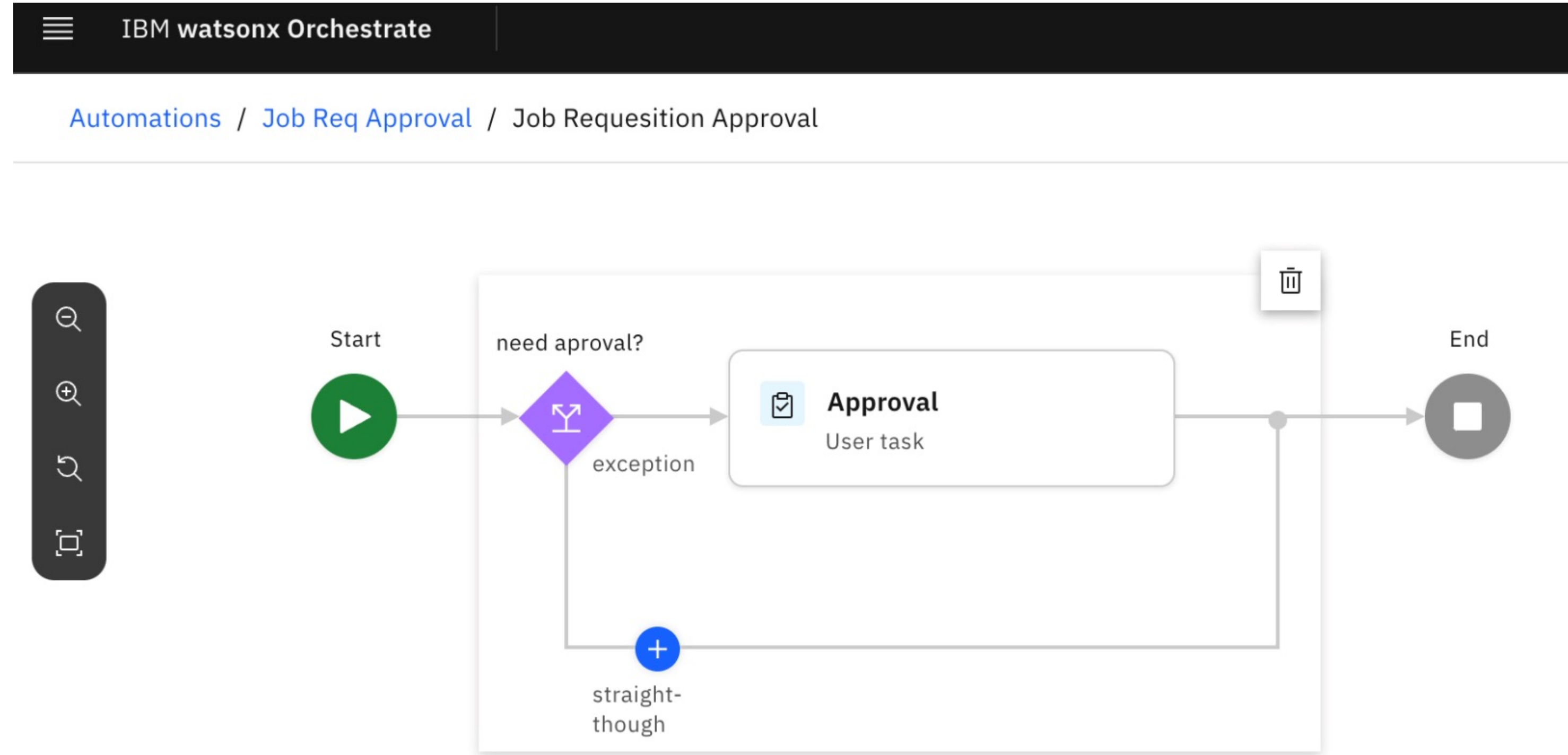
Building new automations

Workflow

Empower business to manage long-running workflows:

Model the **diagram** of activities and define UI interactions **graphically**.

- End-user to track & assign active work items & claim them in **Tasks**.
- **Playback** right within the editor any time

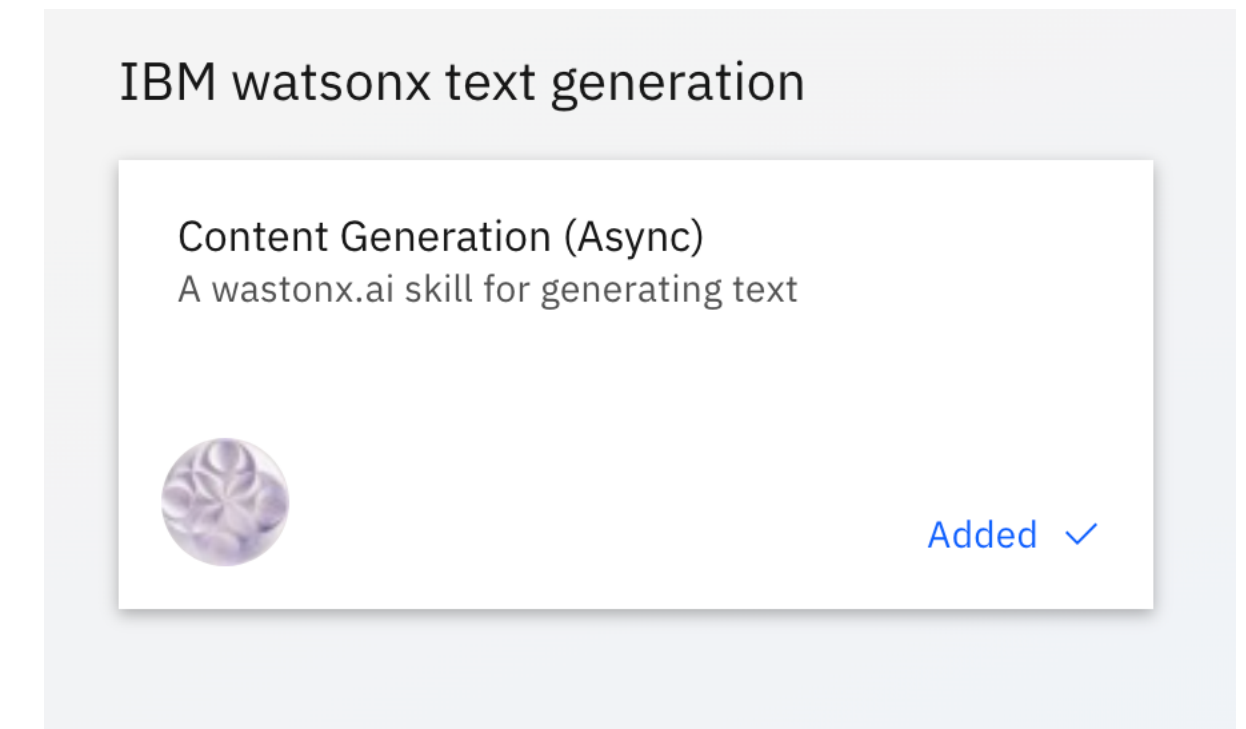


watsonx.ai + watsonx Orchestrate: Generative AI Recipe


This recipe connects watsonx Orchestrate to watsonx.ai. In this recipe you will create a project on watsonx.ai, connect your project to a Watson Machine Learning instance, and use generative AI to create dynamic content.

Requirements

- watsonx Orchestrate Builder role
- IBM Cloud access
- IBM watsonx.ai access



Sure. Just complete this form and I'll use the Content Generation (Async) skill for you.

 A watsonx.ai skill for generating text

Text Prompt *

Generate a marketing email for a bank that includes a coupon.

[Show all fields](#)

[Cancel](#) [Apply](#)

