



**ColorCloud**

**HAMBURG**

**18. - 19.04.2024**

# **I want to become your companion – a different look at Copilot**

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Chris Huntingford

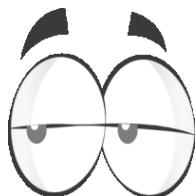


Will



Do it

**I WANT TO BECOME YOUR COMPANION –  
A DIFFERENT AT COPILOT**



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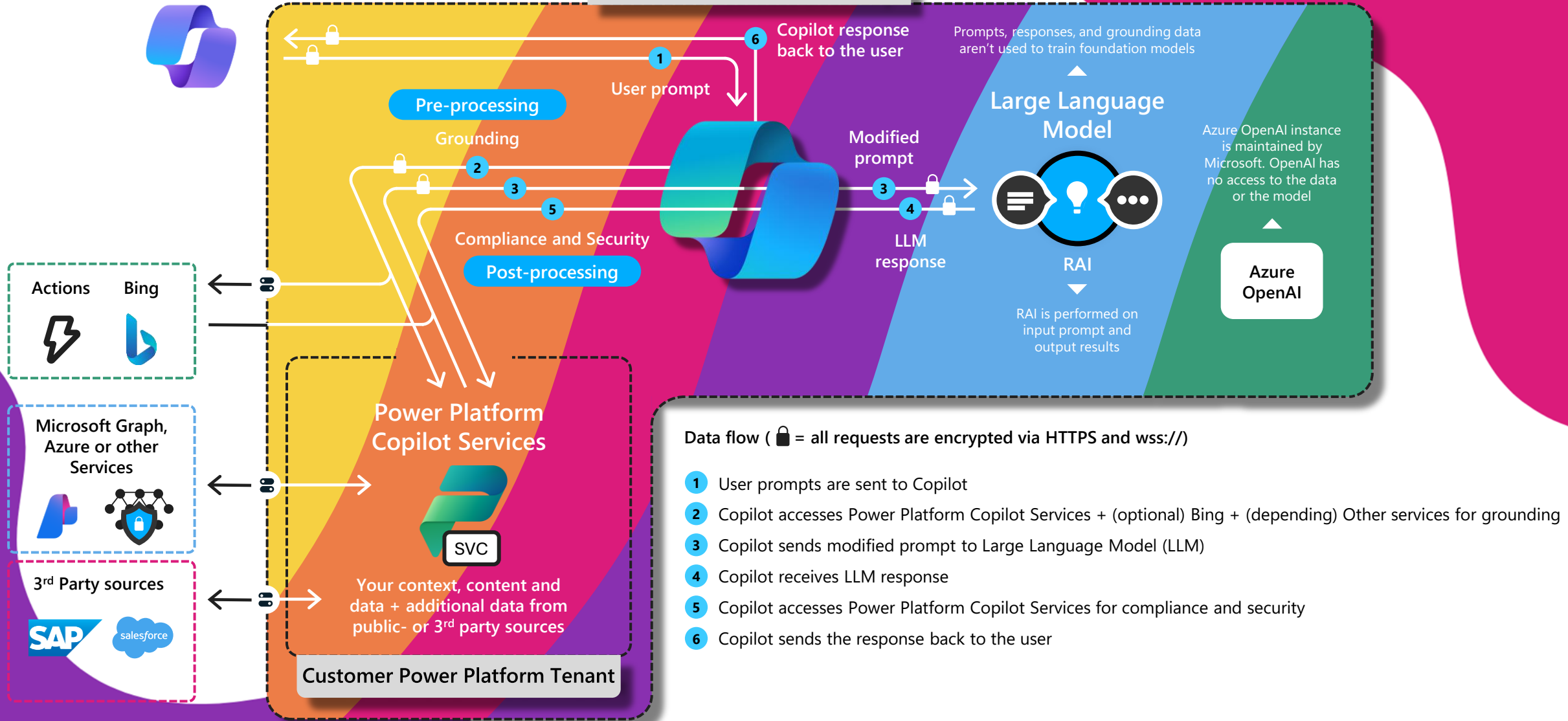
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#ColorCloud2024

# LAB 0: FLOORPLAN TO ESCAPE



## Microsoft Services Boundary





# **LAB 1: M365 COPILOT OR CUSTOM COPILOT?**



## Customize Copilot for Microsoft 365

Customize Copilot to work with your unique business processes and data sources

Configure Copilot responses to specific questions

### Build a plugin



With Copilot Studio  
(included in Copilot for M365)

## Build your own custom copilots

Enhance customer experiences by adding a copilot to your external website or other channels

Build an internal copilot outside of Microsoft Copilot to help employees with specific functions

### Build with low code



With Copilot Studio  
(standalone)



# Customize Copilot for Microsoft 365 to...

## Surface business data outside of Copilot

Connect Copilot to your business data and apps, such as CRM, ERP, and line-of-business apps.

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## Incorporate your processes

Easily customize Copilot to automate your business processes and workflows.

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## Configure how Copilot responds

Control how Copilot responds to specific questions with manually created topics.

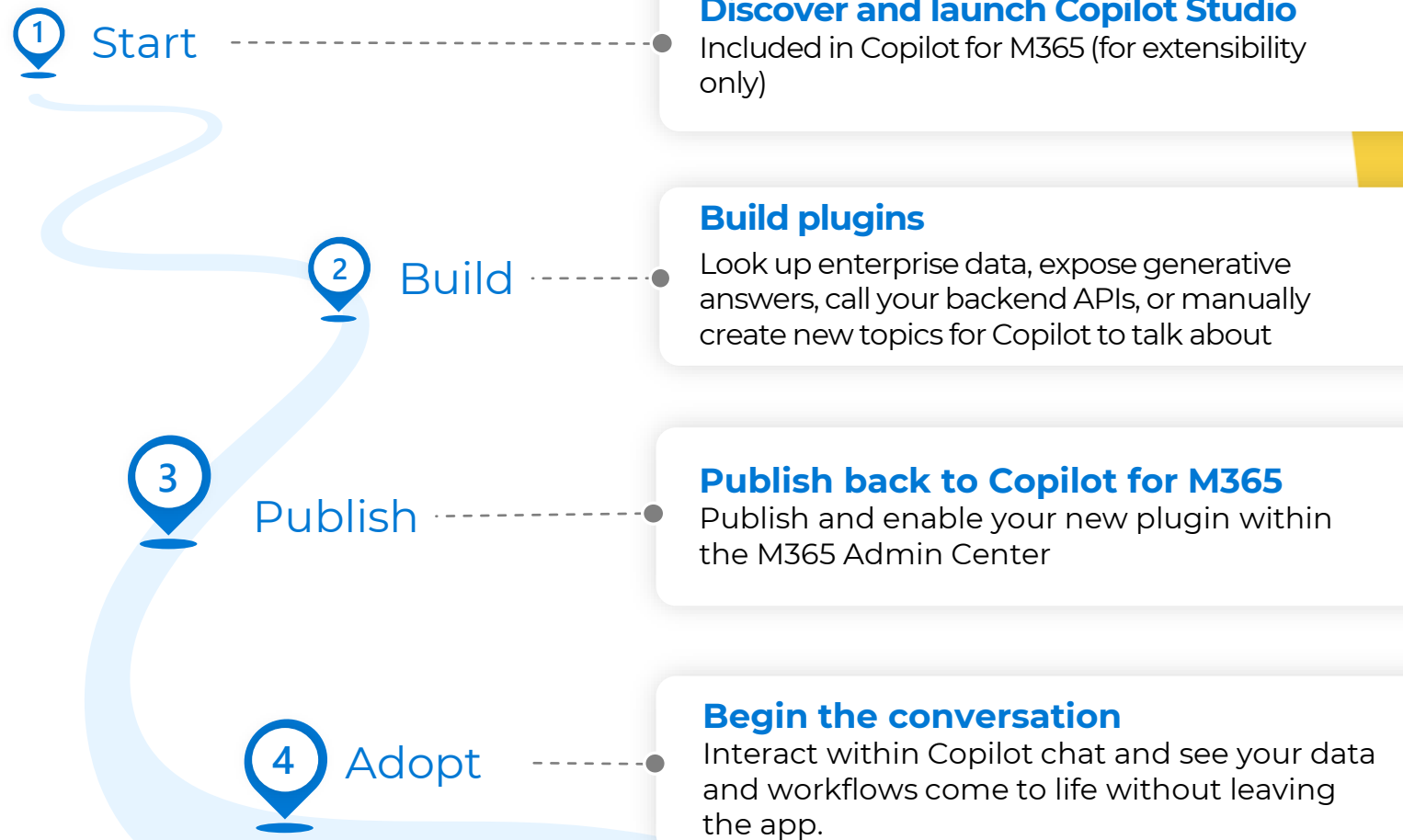
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## Manage centrally

Secure your Copilot customizations with the right access, user controls, and analytics.



# How to build a plugin for Copilot for M365







# Create powerful custom copilots

## Build and test together

Users of all skill levels can create automated, connected conversational AI experiences in one comprehensive platform.

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## Design personalized, responsive interactions

Engage employees or customers with rich, dynamic interactions that remember user content and context.

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## Boost your conversations

Use generative AI to dynamically respond using your organization's real-time content.

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## Handle complex queries with ease

Design intelligent conversations with greater control over the LLM such as robust variable and dialog management, logic, and responses.

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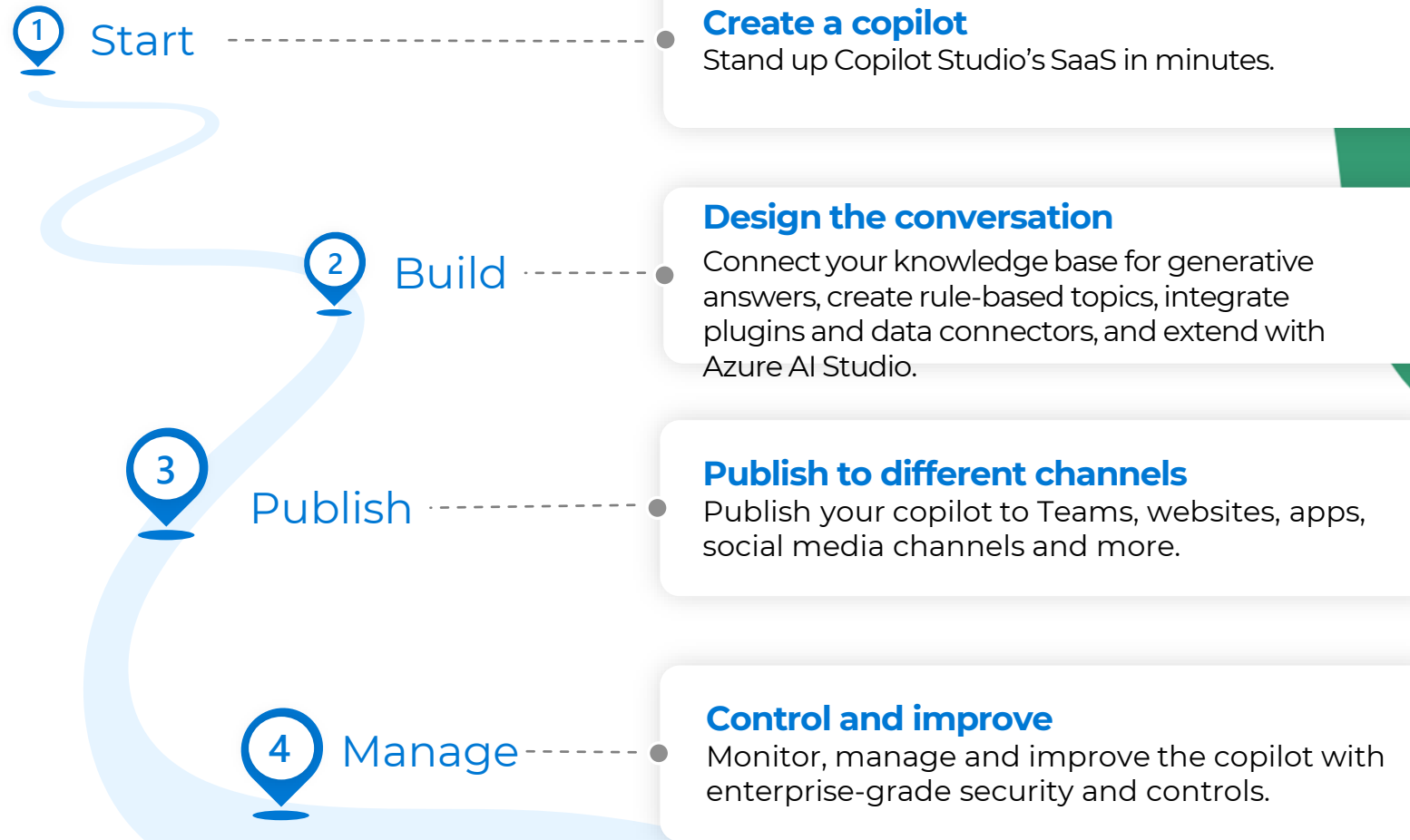
## Continuous self-learning and improvement

AI-driven features will improve your copilot over time and provide suggestions on how to optimize your conversations.





# How to build a custom copilot



# LAB 2: THE „RAG“ IN COPILOTS



# RETRIEVAL AUGMENTED GENERATION (RAG)



User prompt +



Grounding data +



Chat history +



System prompt



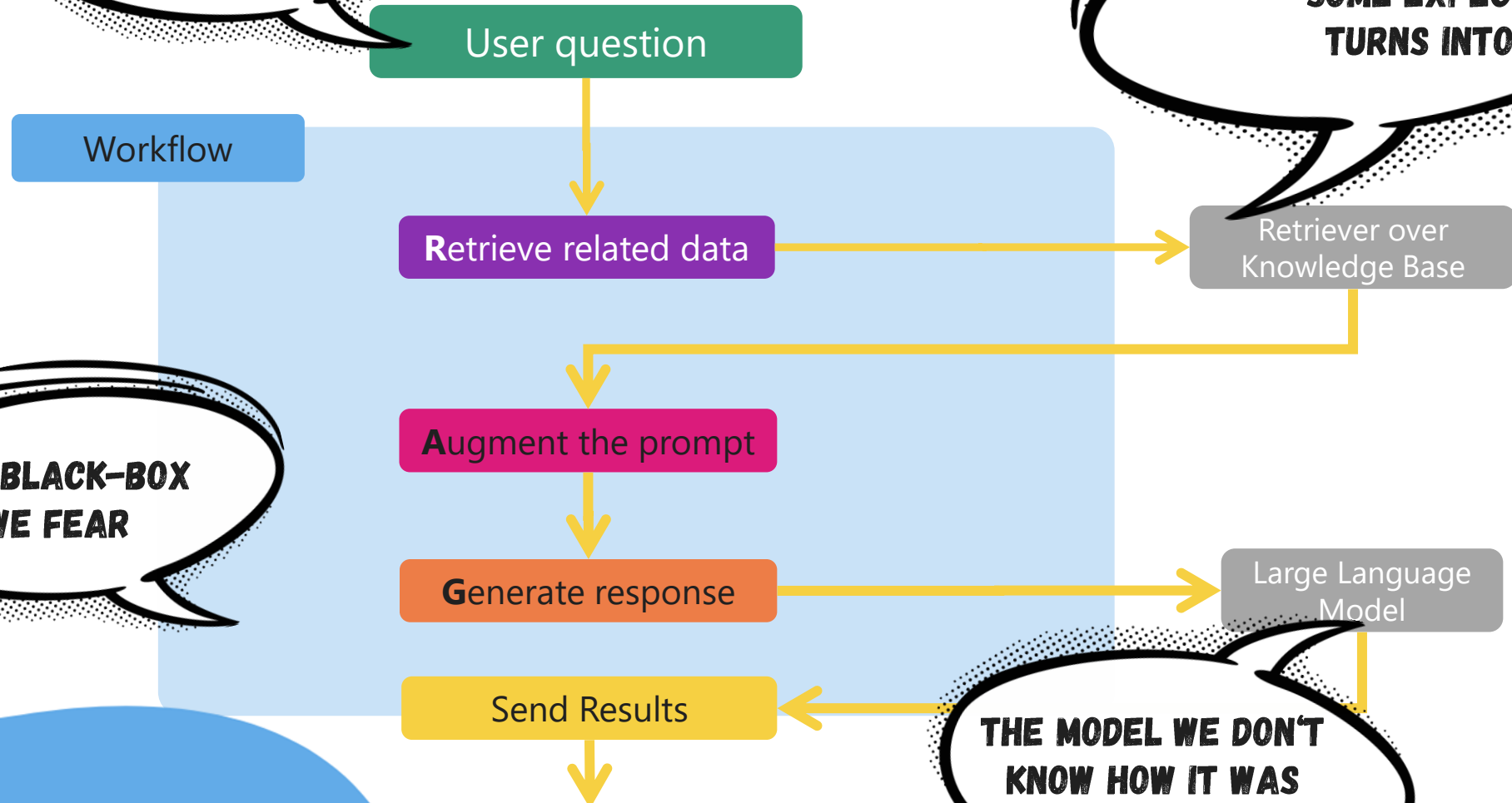
# RETRIEVAL AUGMENTED GENERATION (RAG)

THE THING WE'RE  
TASKED TO LEARN

THE THING WHERE  
SOME EXPECT 🐛  
TURNS INTO 💰

THE BLACK-BOX  
WE FEAR

THE MODEL WE DON'T  
KNOW HOW IT WAS  
TRAINED

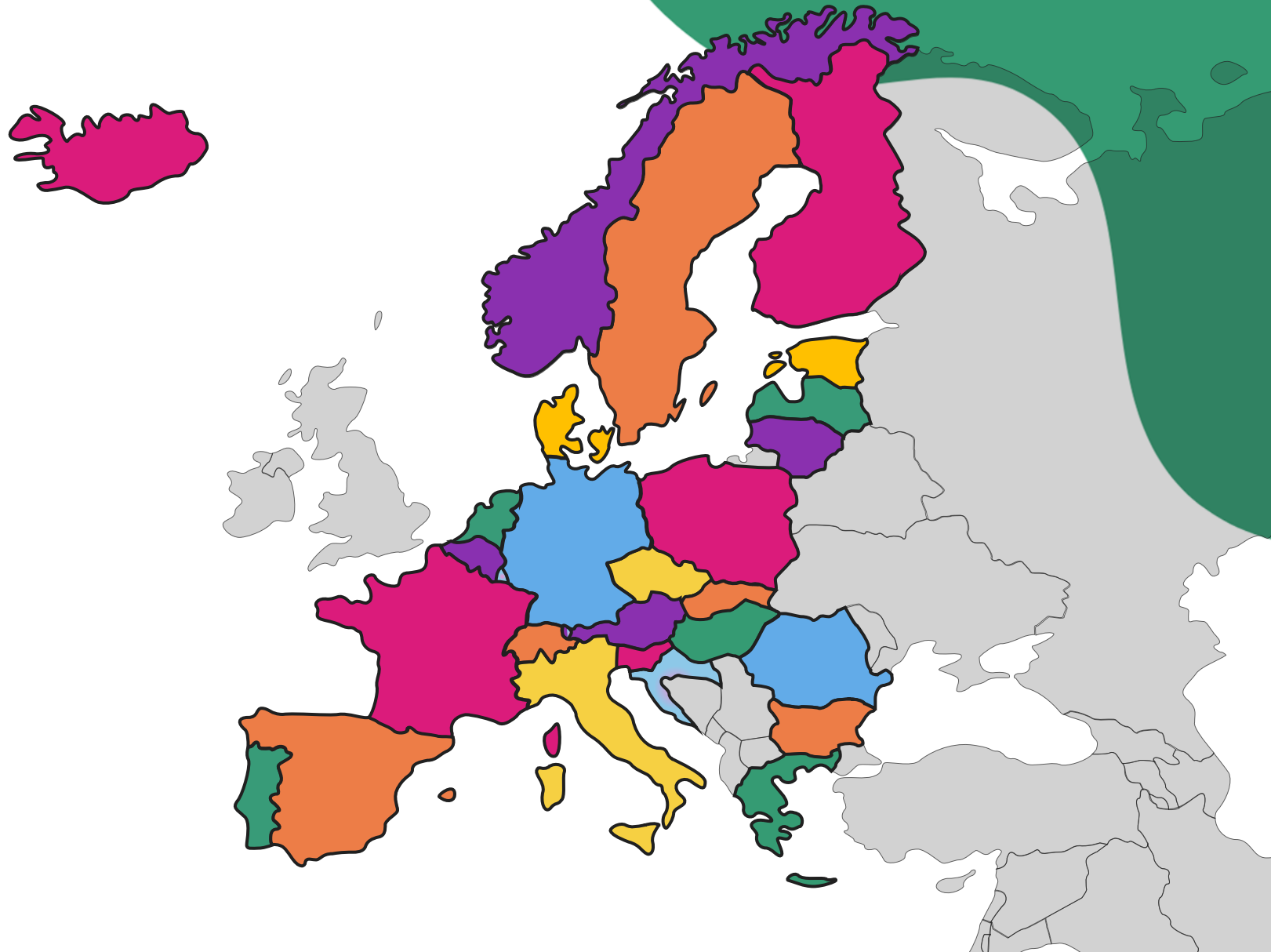


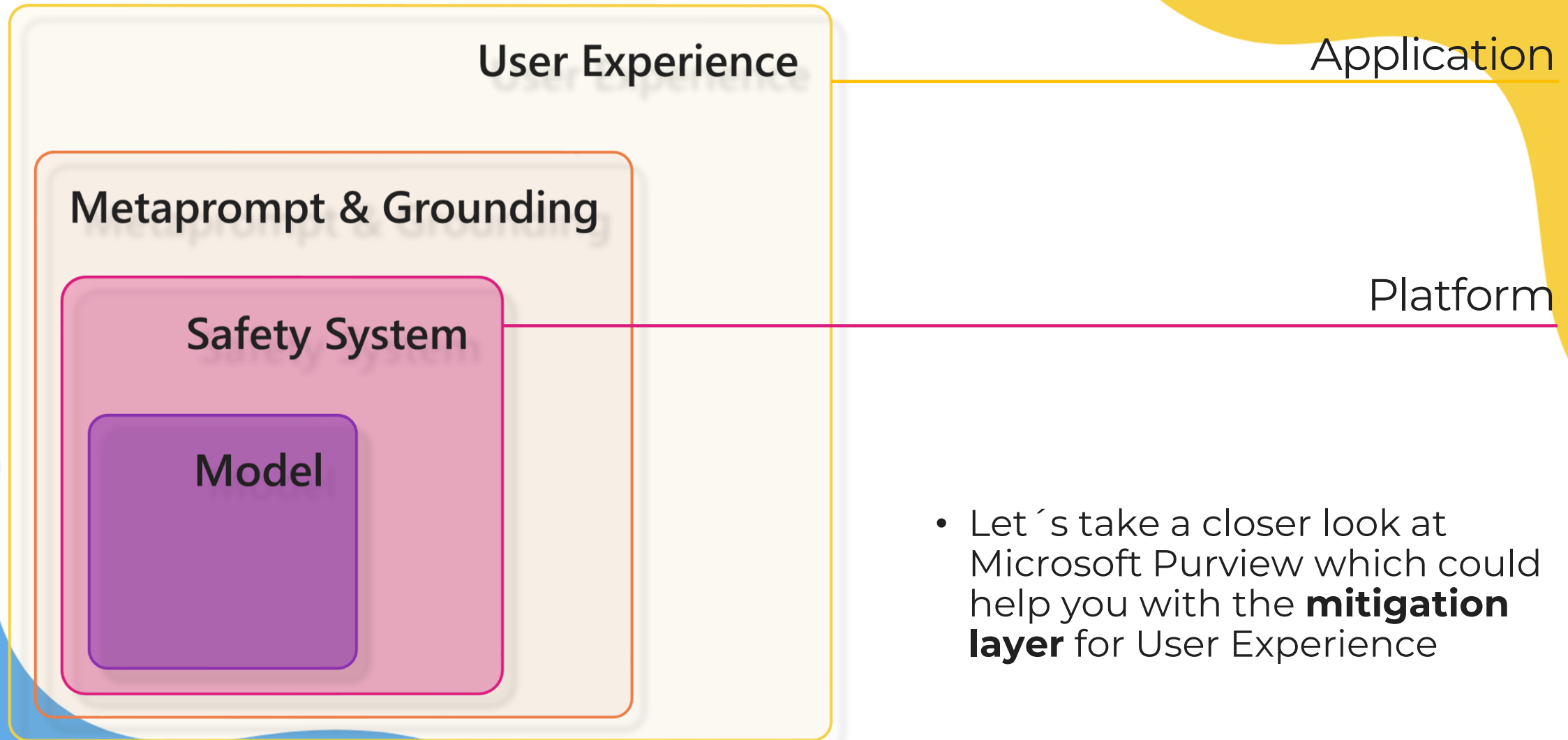


# **LAB 3: WHAT ABOUT YOUR DATA?**



- Do you have concern your data leaving EU data boundary?
- Do you have concern about sensitive data being leaked through user prompts?
- Are you facing any legal compliance issues?
- Do you foresee any prompt injection attacks?
- Are you scared about any human-like behavior?





- Let's take a closer look at Microsoft Purview which could help you with the **mitigation layer** for User Experience



# WRAP UP: THE „RAG“ IN COPILOTS



# RAG AND THE IMPORTANCE OF THE PROMPT

## TASK

Provide an **instruction** telling the LLM what to be performed

Convey to LLM **goals** and **expectations** on the response


## EXPECTATIONS

## CONTEXT

Describe the **data** that will be acted on, along with any input **variables**

Help LLM to format the **output** the way you'd like it to be

## OUTPUT



CREATE A PRODUCT FEEDBACK SUMMARY BASED ON RECENT CUSTOMER REVIEW FOUND AT / \_\_\_. THE SUMMARY SHOULD IDENTIFY KEY THEMES, OVERALL SENTIMENT, AND ANY RECURRING ISSUES OR PRAISES. FORMAT THE SUMMARY TO BE CONCISE, AND PRESENT THE INFORMATION IN CLEAR, EASY-TO-UNDERSTAND MANNER SUITABLE FOR A SELLERS TEAM MEETING



# Which tool for the job?

## Software as a Service (SaaS)

No infrastructure to manage and built in security and governance



### Copilot Studio



Included in Copilot for M365

#### Customize Copilot for M365

Connect with your data sources outside of Copilots reach

Call your redesigned business processes and workflows

Configure Copilot responses to specific questions

#### Build a plugin



### Standalone

#### Build your own custom copilots

Build customer or internal facing copilots with your data and workflows, on channels that work for you

Rules-based dialog management and conversational orchestration with a prebuilt LLM

Managed SaaS, no infrastructure, built in security and governance

#### Build Conversational Orchestration



### Azure AI Studio

Configure LLMs with prompt engineering

Manage own infrastructure, custom dev and security

#### Build Models

Extend Copilot Studio with Azure AI Studio

# Key take aways

- Retrieval Augmented Generation or vectorized search index crawling?
- Extend Microsoft 365 Copilot vs. building a custom copilot
- The best tool to use might be a combo, not a single tool
- Familiarize with an AI enterprise strategy → Ana and Andrew Welch (13:30)

## Helpful Links

[Empowering responsible AI practices | Microsoft AI](#)

[Power Platform | Copilot Risk Assessment | The Power Platform Talks \(wordpress.com\)](#)

[Copilot Studio – Education Series](#)

[Copilot Studio – Implementation Guide](#)

[Link to ANS Group Blog article](#)

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