

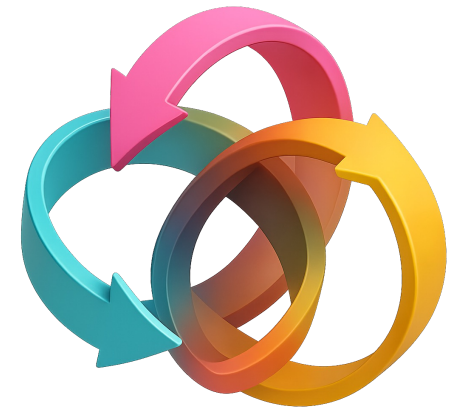
OLLI @ SOU

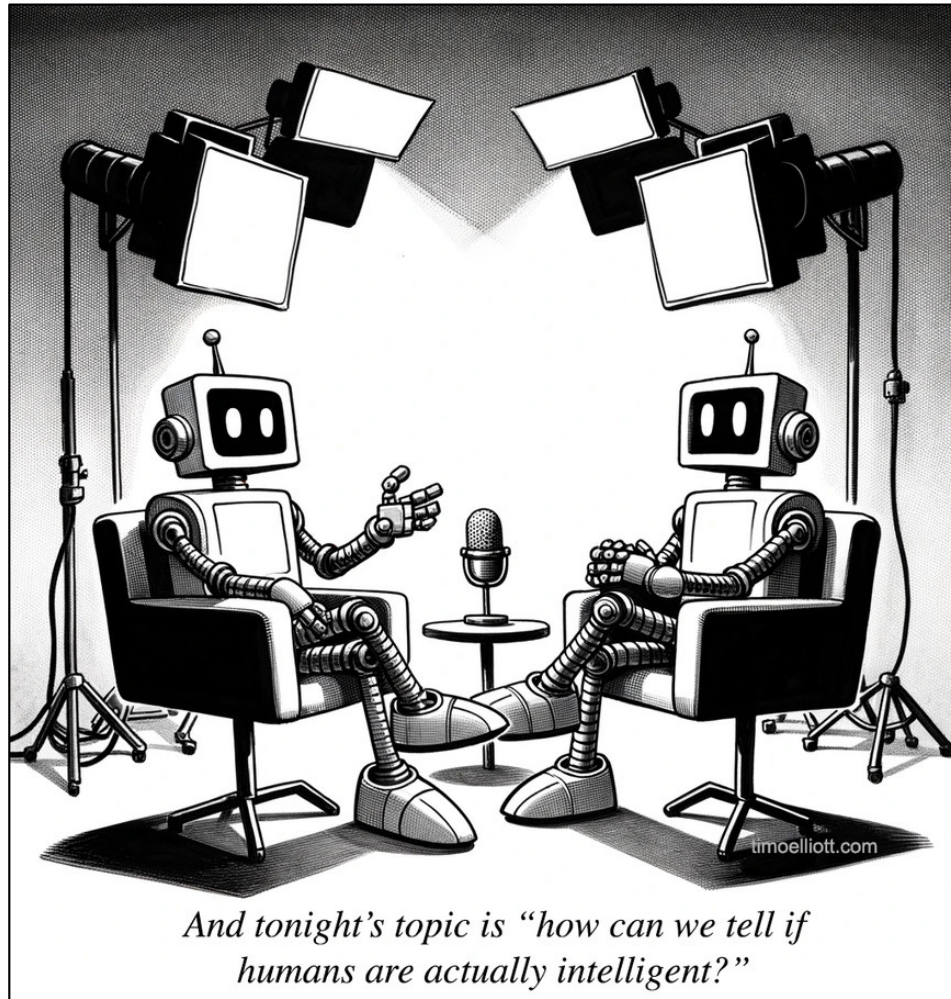
# Continuing Experiments

in Artificial Intelligence

Session #4

March 4, 2026







**Demis Hassibis**

Nobel Prize in Chemistry (2024)

(Alpha Fold – Protein Structure Prediction)

CEO Google Deepmind

Cognitive Neuroscience



**Geoffrey Hinton**

Nobel Prize in Physics (2024)

(Backpropagation in AI Training)

University of Toronto

Cognitive Psychology



# Vocabulary – Acronyms - Nomenclature

Version 1.1

Prompt

Inference

LLM – MMLM – SLM

Multimodal

NLP

AGI

RAG

Token

Hallucinations

Algorithm

Corpus

Compute

API

Models

Frontier Models

(values) Alignment

Workflow

Coding



# Vocabulary – Acronyms - Nomenclature

Backpropagation

**Bias** (Social Bias vs. technical 'bias' (re: weight & bias in neuron))

Cognitive Load

**RLHF** (Reinforcement Learning from Human Feedback)

Enthusiastic Affirmation

Effective Altruism (EA)

Theory of Mind (ToM)

# Vocabulary – Acronyms - Nomenclature

Version 2.03

Compute

Frontier

Context Aware

Context Window

Iteration

Workflow

Enthusiastic Affirmation

Digital Sycophancy

Superintelligence

Agentic

Storyboard

Multi-Modal

# Vocabulary – Acronyms - Nomenclature

Version 2.03

Cognitive Offloading

Automation Bias

Pessimism Averse

Algorithm Appreciation

Algorithm Averse

Multi-Modal

Coreference Resolution

Stochastic Parrot

Digital Twin

MCP

Hyperscale

# Vocabulary – Acronyms - Nomenclature

Context – Attention

Persistent Memory (scenarios – research w/ constant preface, or iterative edit of image)

Contextual framing (context setting, Custom Instructions, Persistent Instructions, Session Parameters)

Corpus

Constraints (legal, medical)

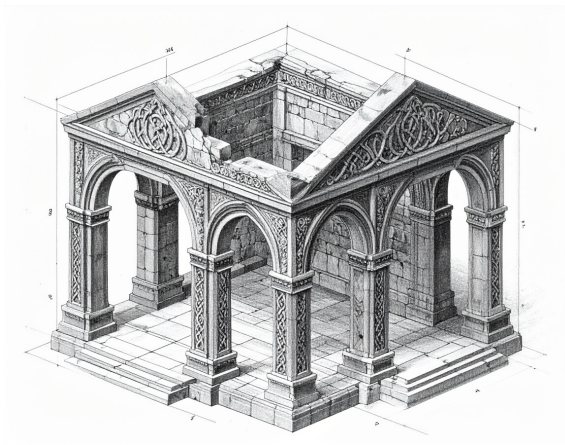
Context vs. Symbolism/Algorithmic/if...then

Agent/Agentic

Scale – Hyperscale

Doomer – Boomer

p(doom) – probability of doom scenario



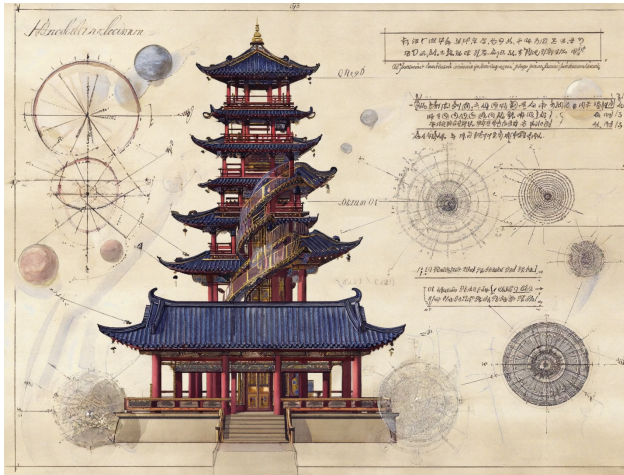
Version 0.6d

# Vocabulary – Acronyms - Nomenclature

Version 0.6d

Artifact

Markdown (.md, LaTeX, Lilypond)



Model Collapse

Misinformation vs. Disinformation

Emergent Behavior (unexpected behavior arising in large models)

Augmentation (augment human work, not replace humans)

Vector Database

## Prompt Editor – General Definition

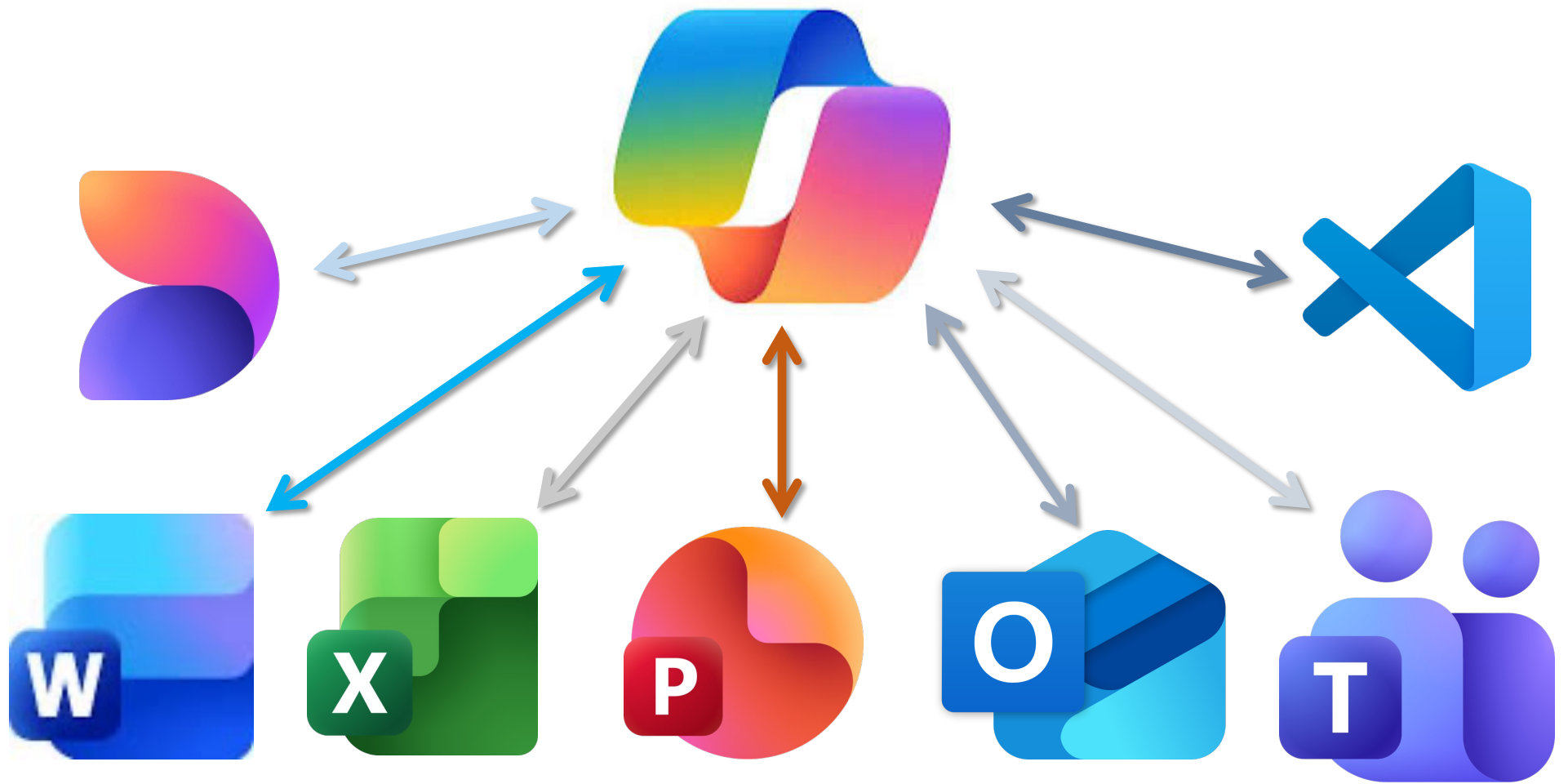
SIDEBAR

MAIN CONTENT AREA

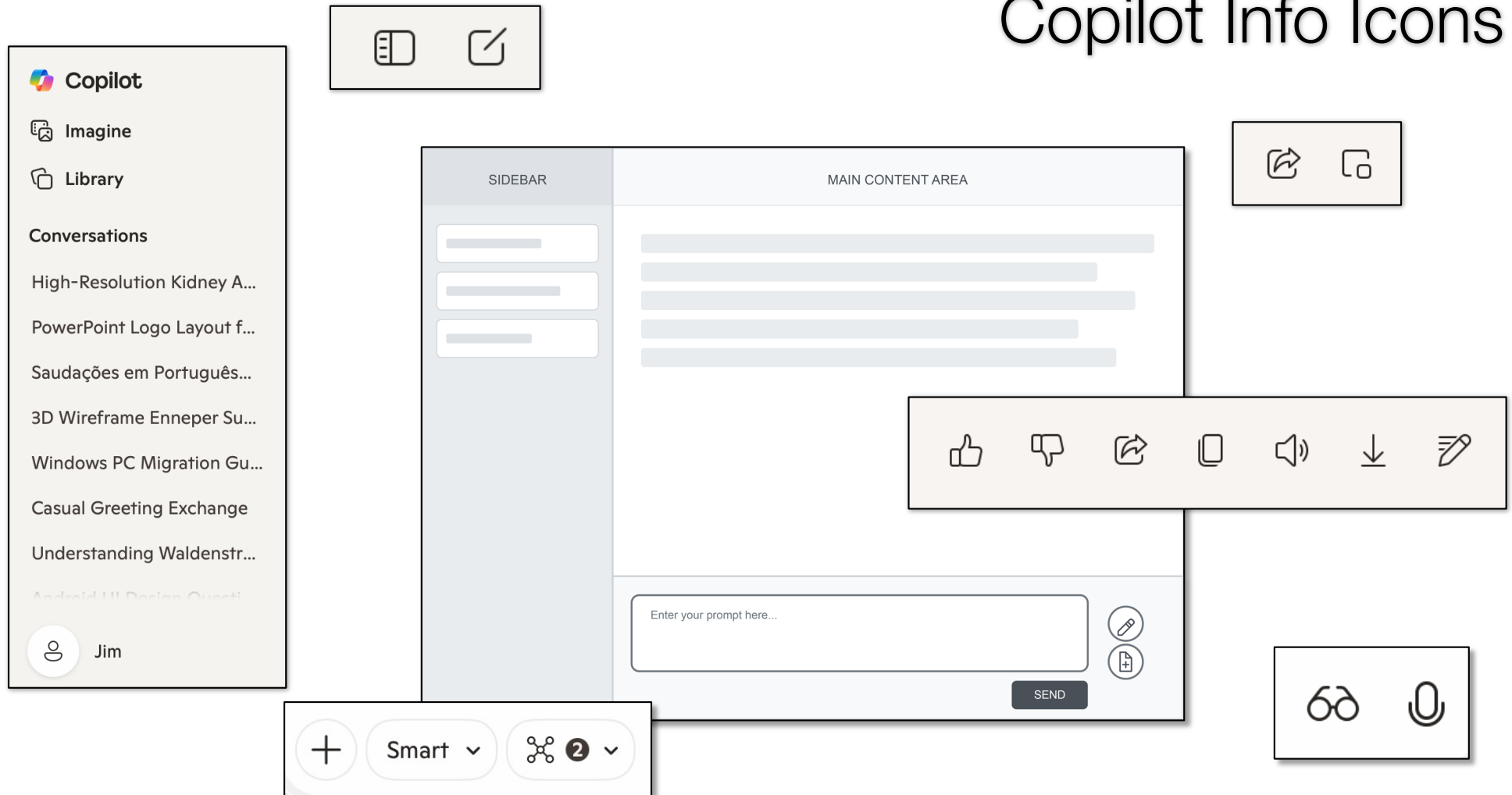
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SEND

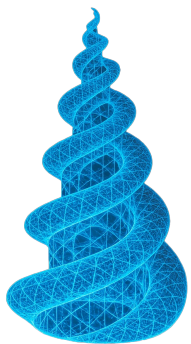




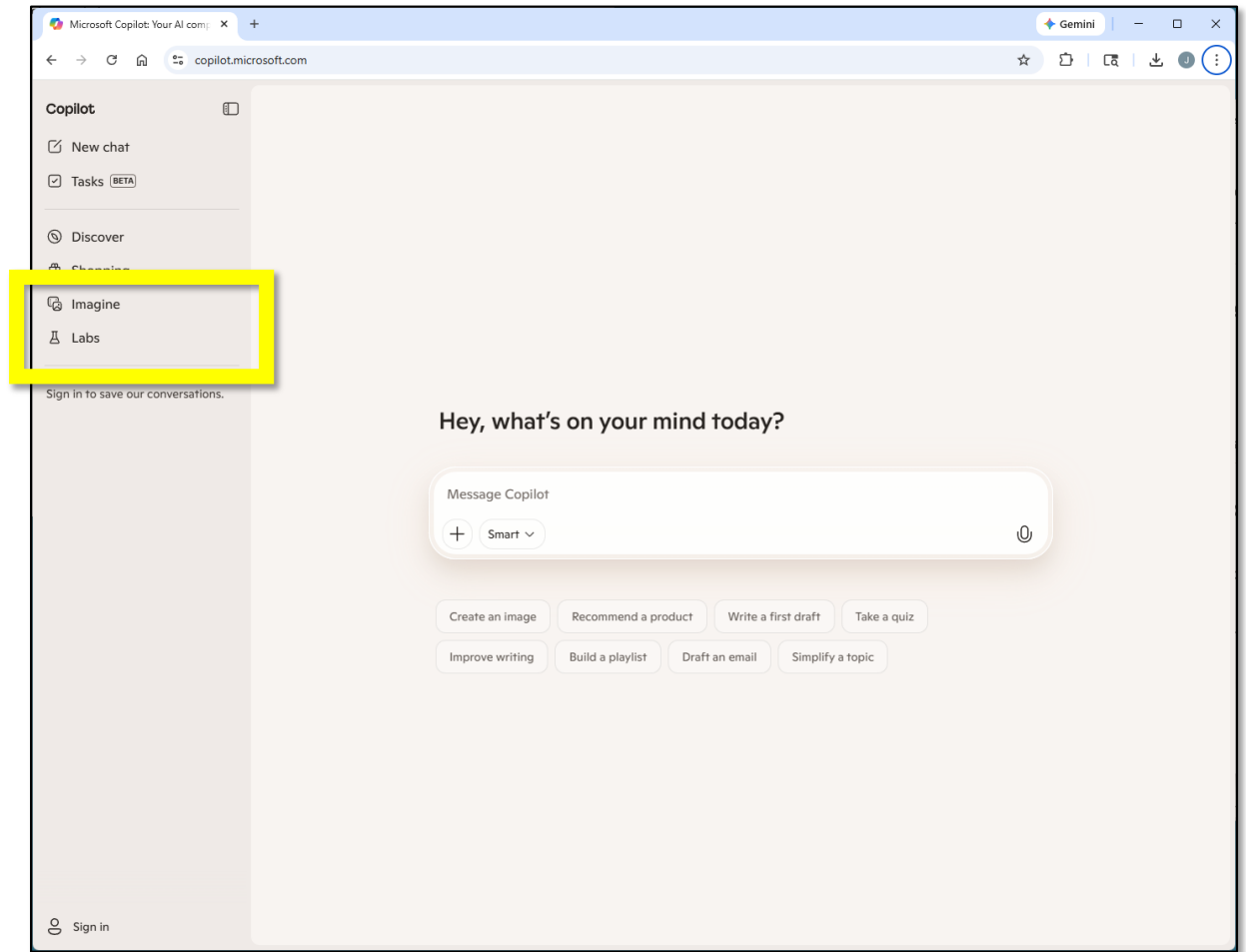
# Copilot Info Icons



copilot.microsoft.com

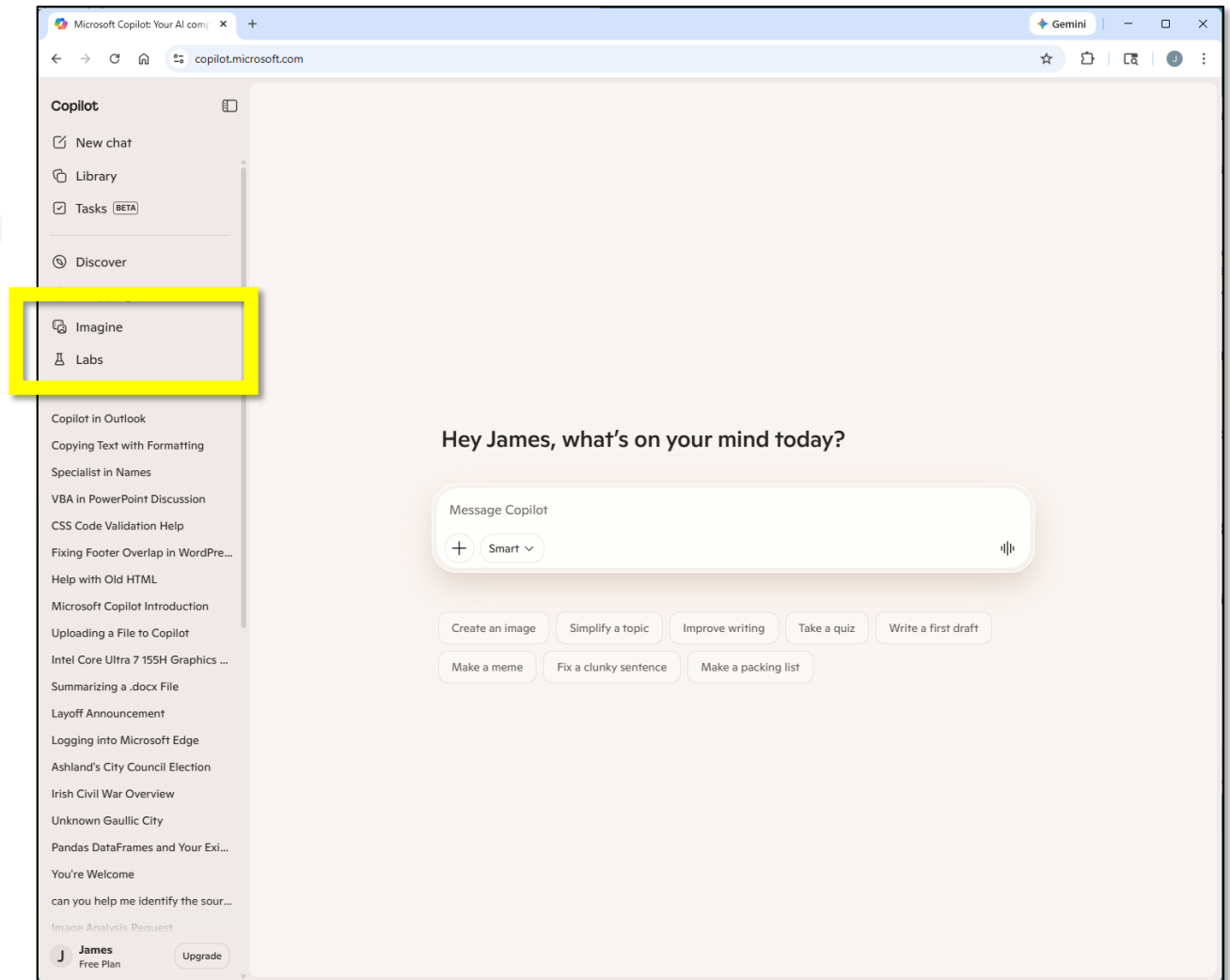


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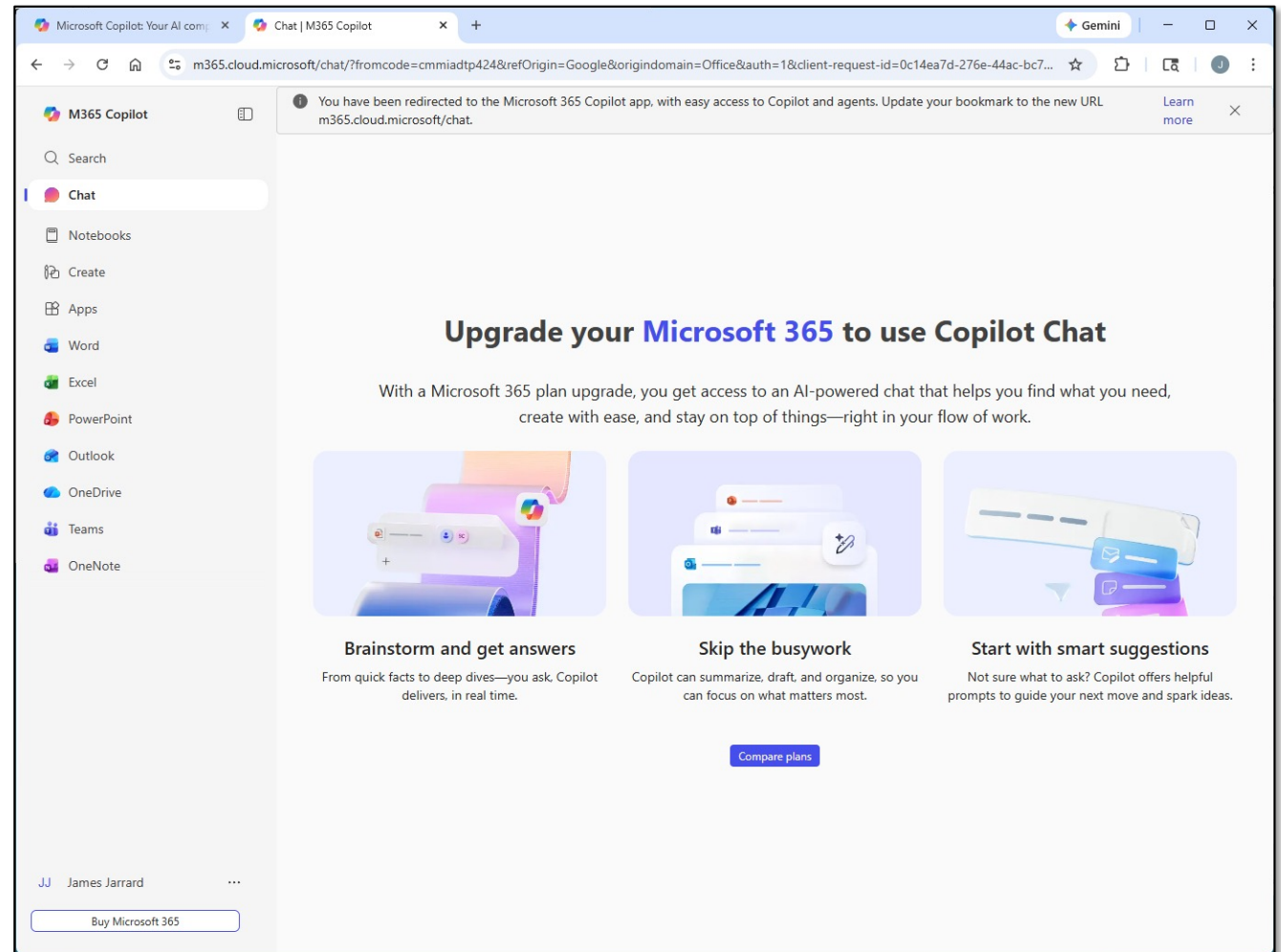
copilot.microsoft.com

logged in

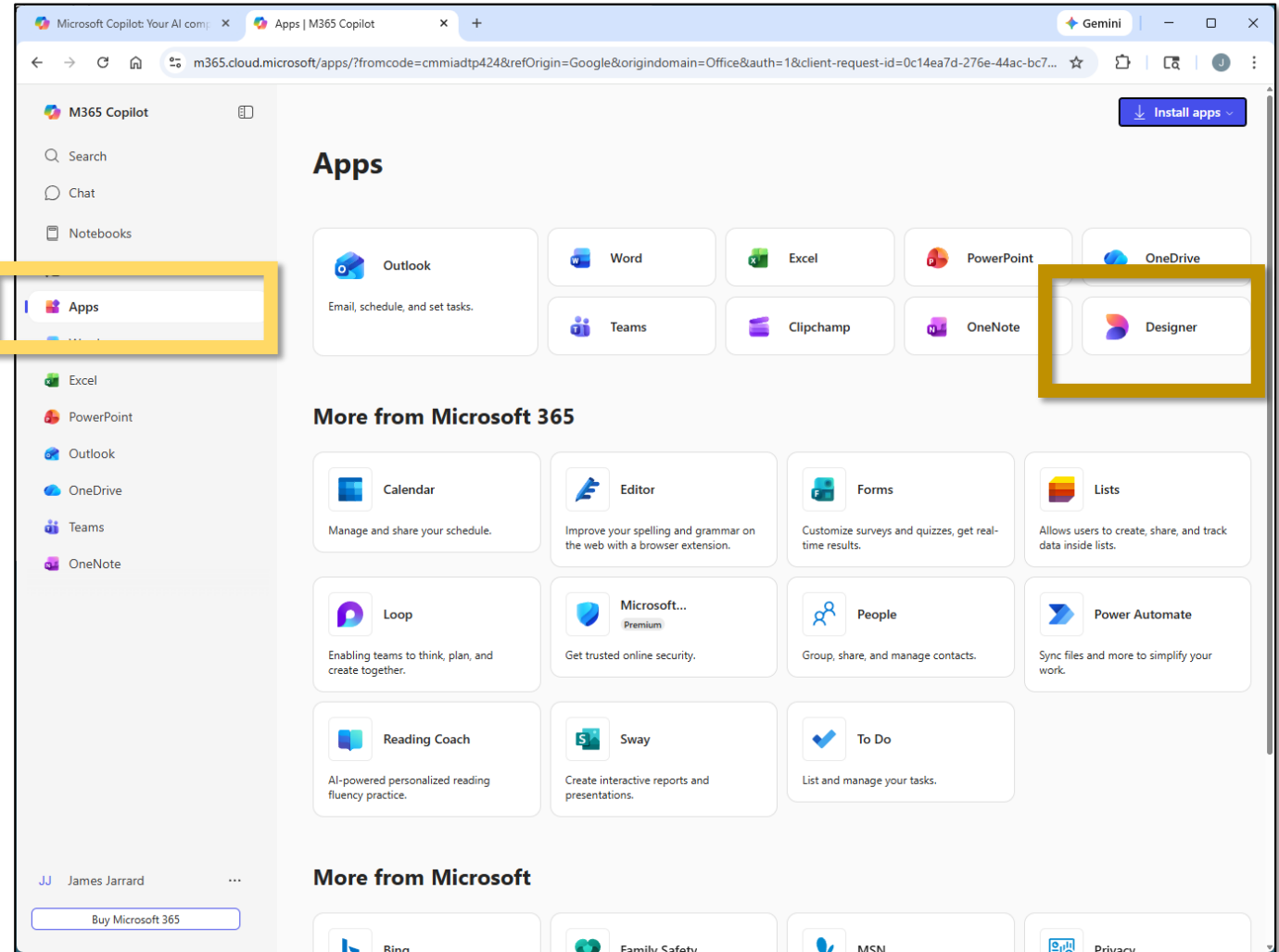


# Microsoft 365

m365.cloud.microsoft

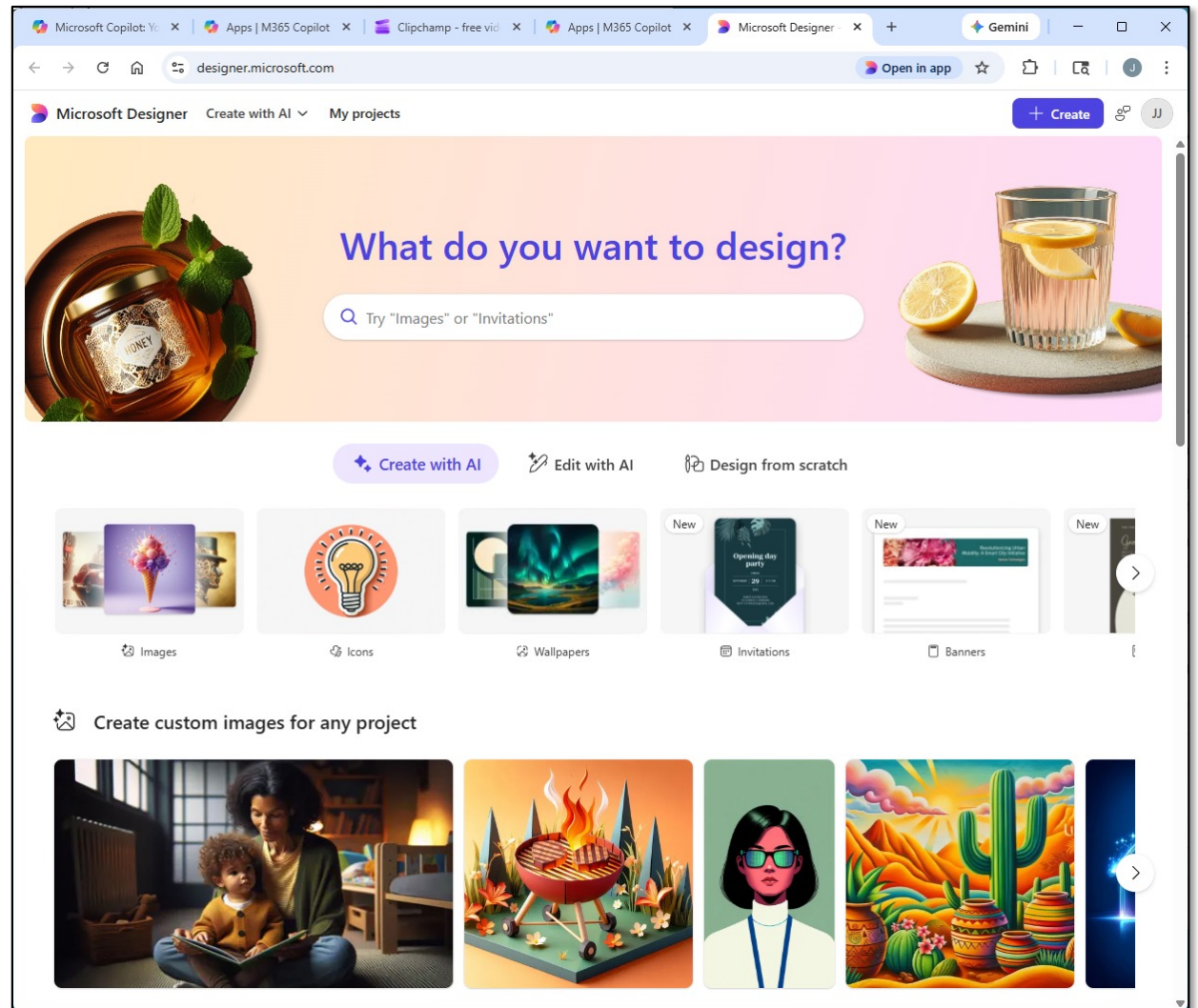


m365.cloud.microsoft

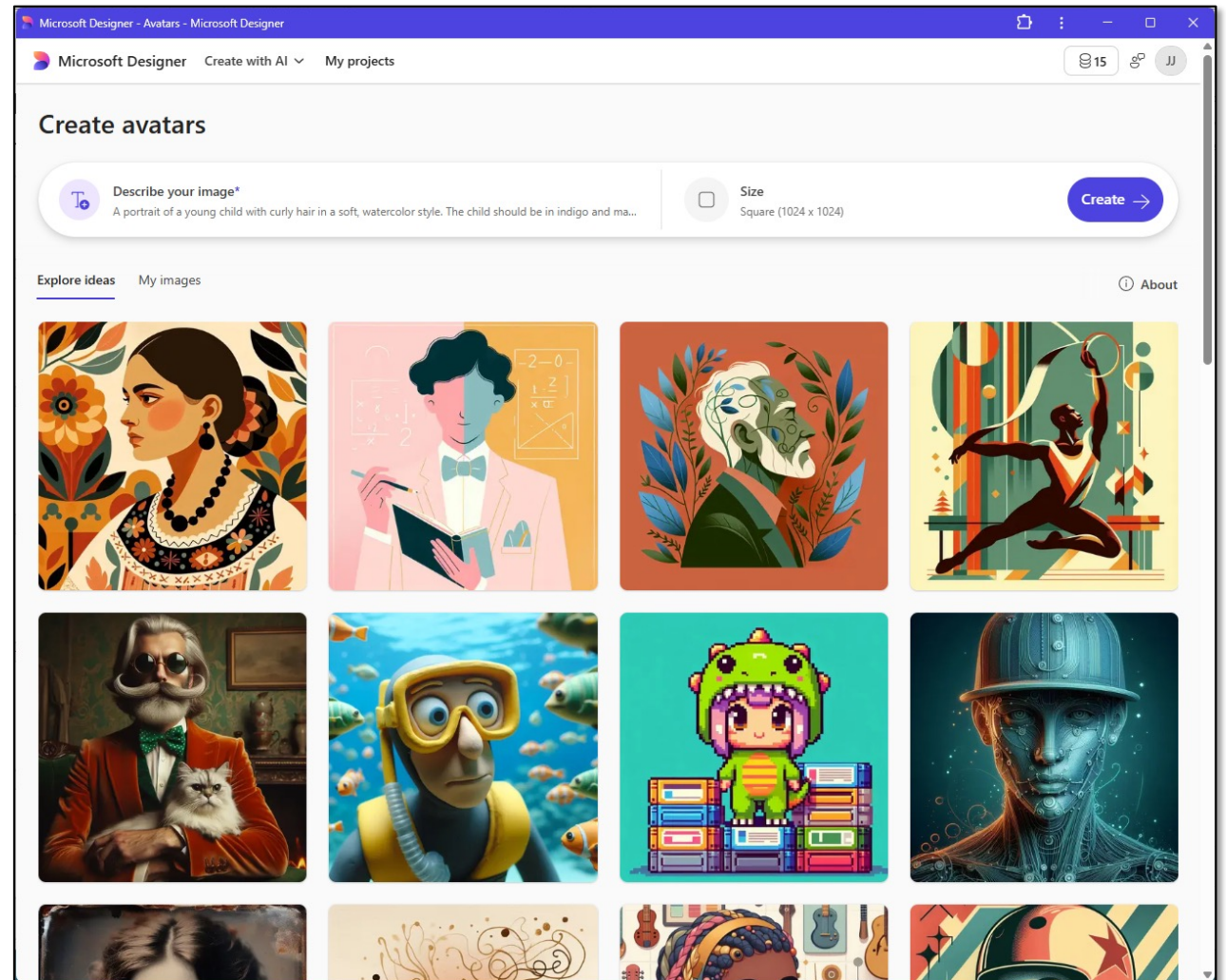




designer.microsoft.com



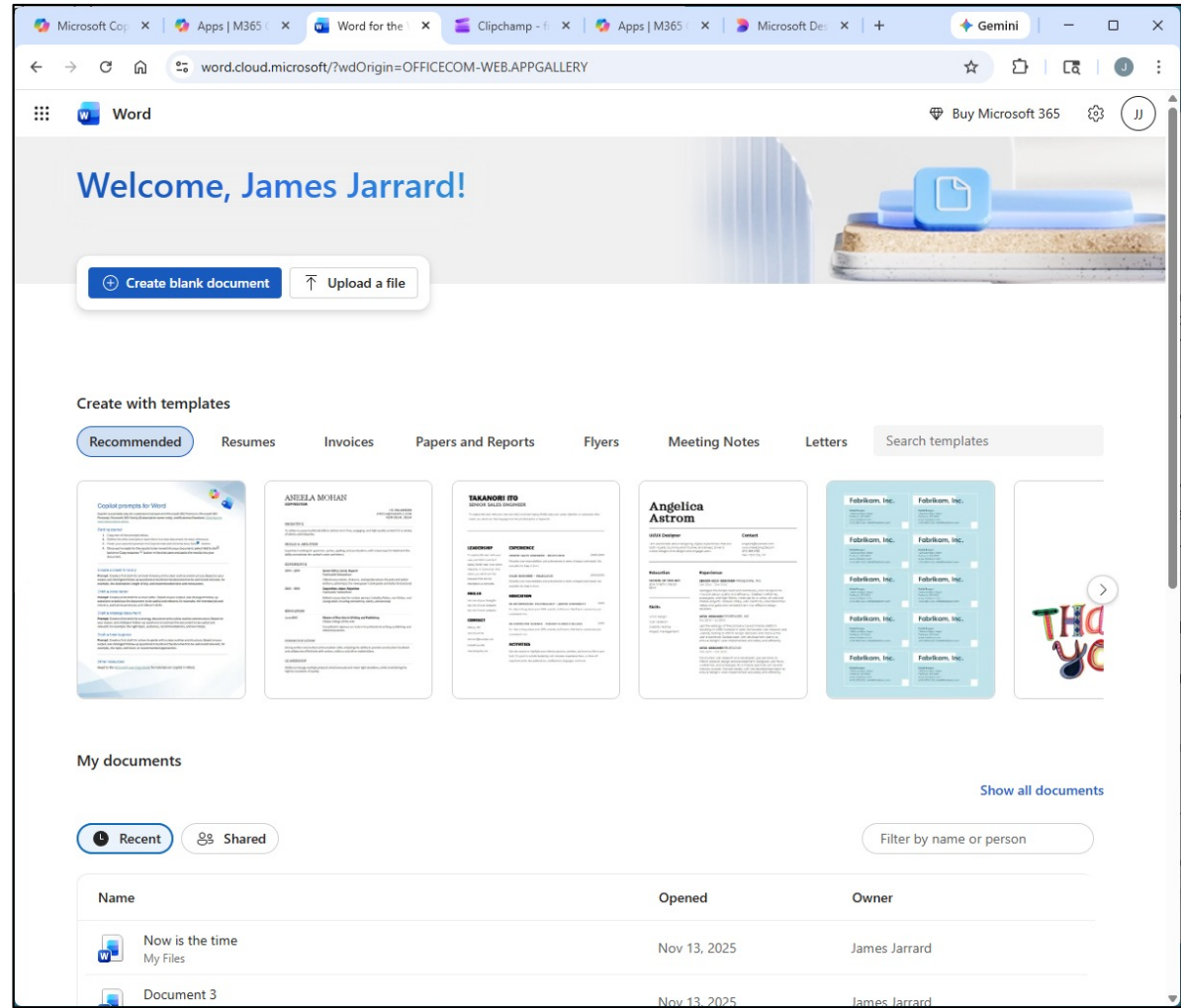


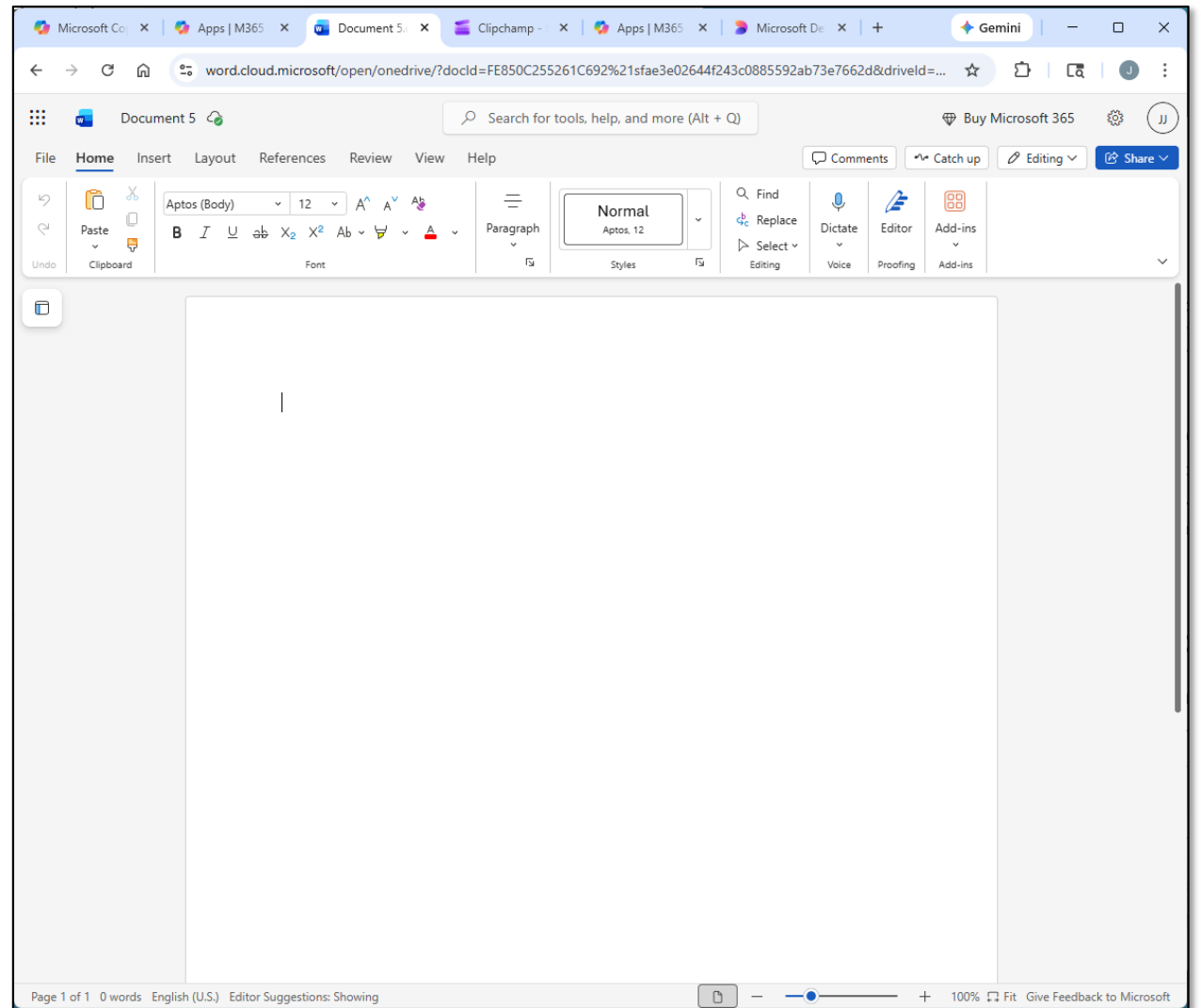






word.cloud.microsoft

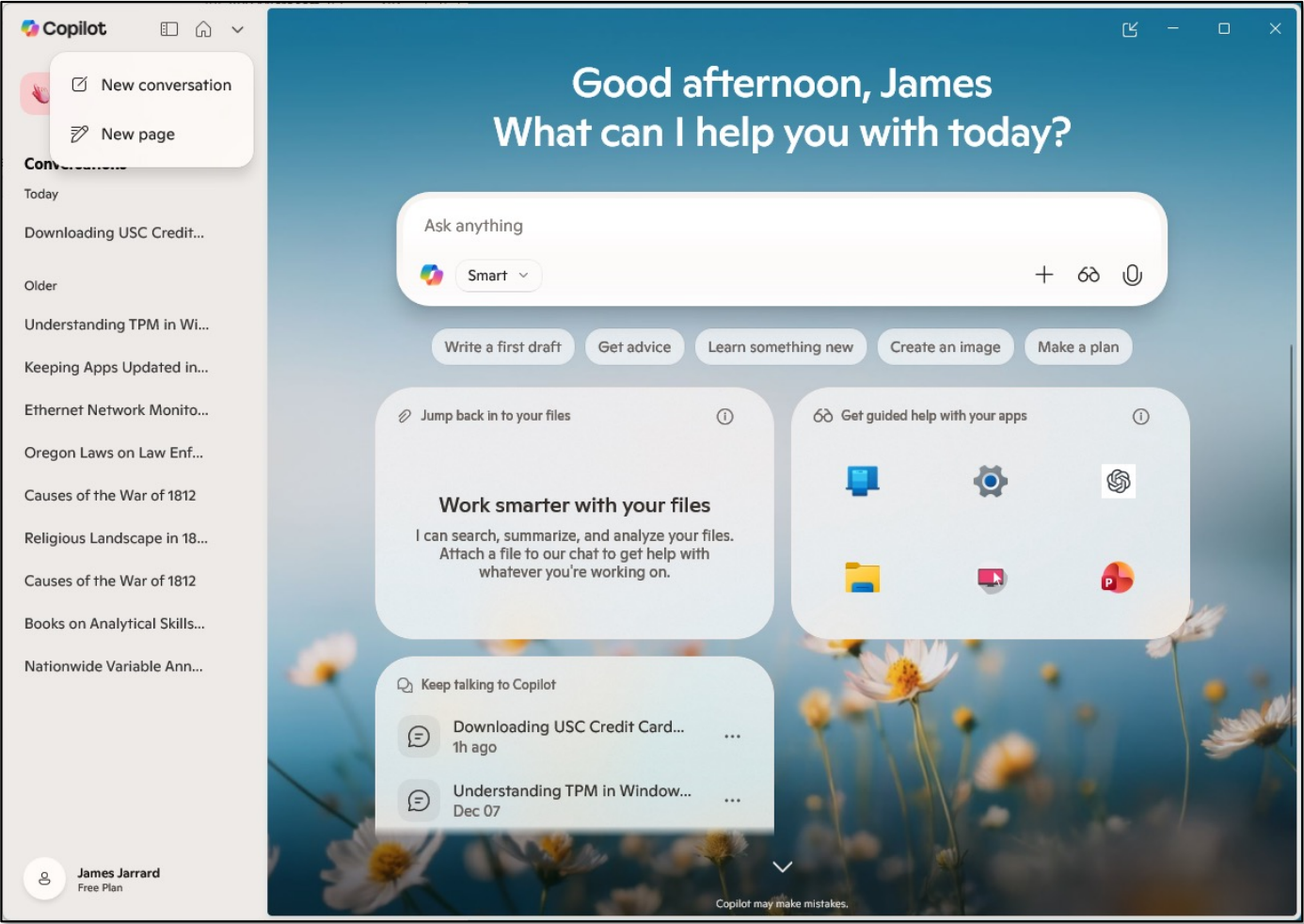






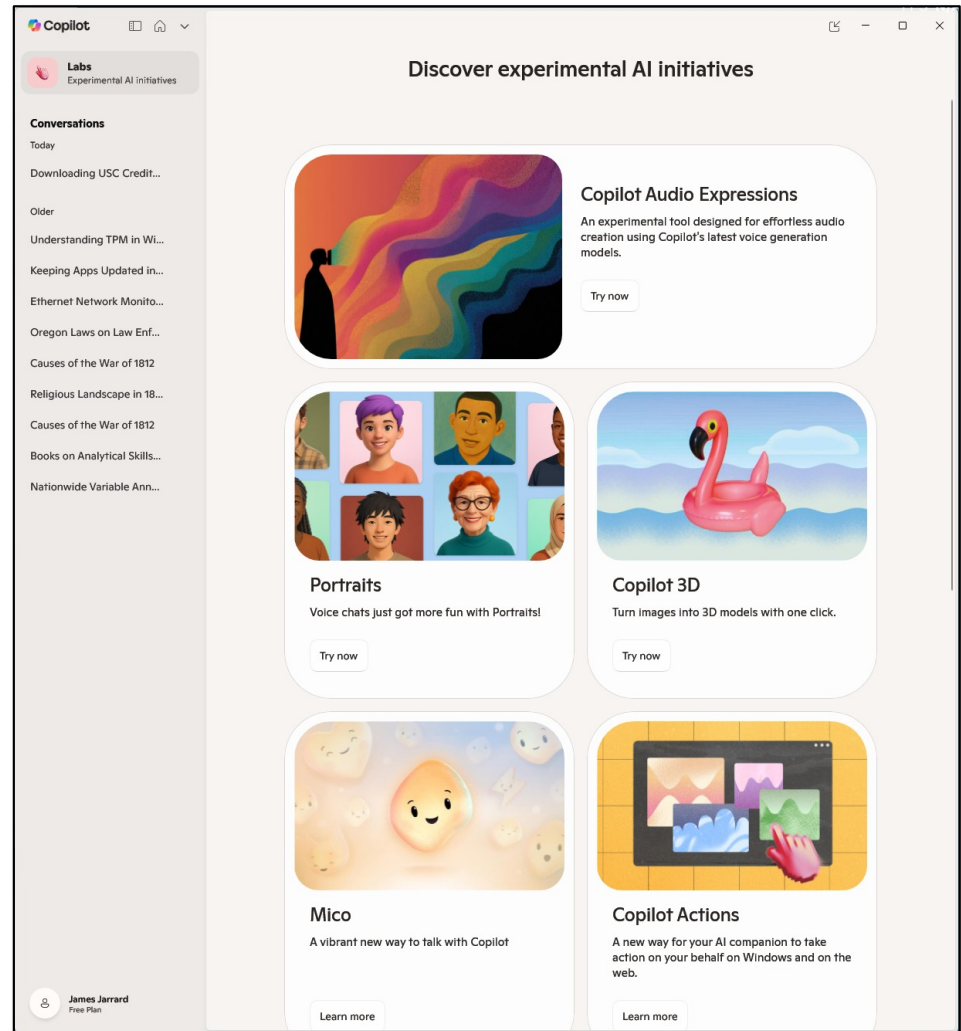
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Windows 11

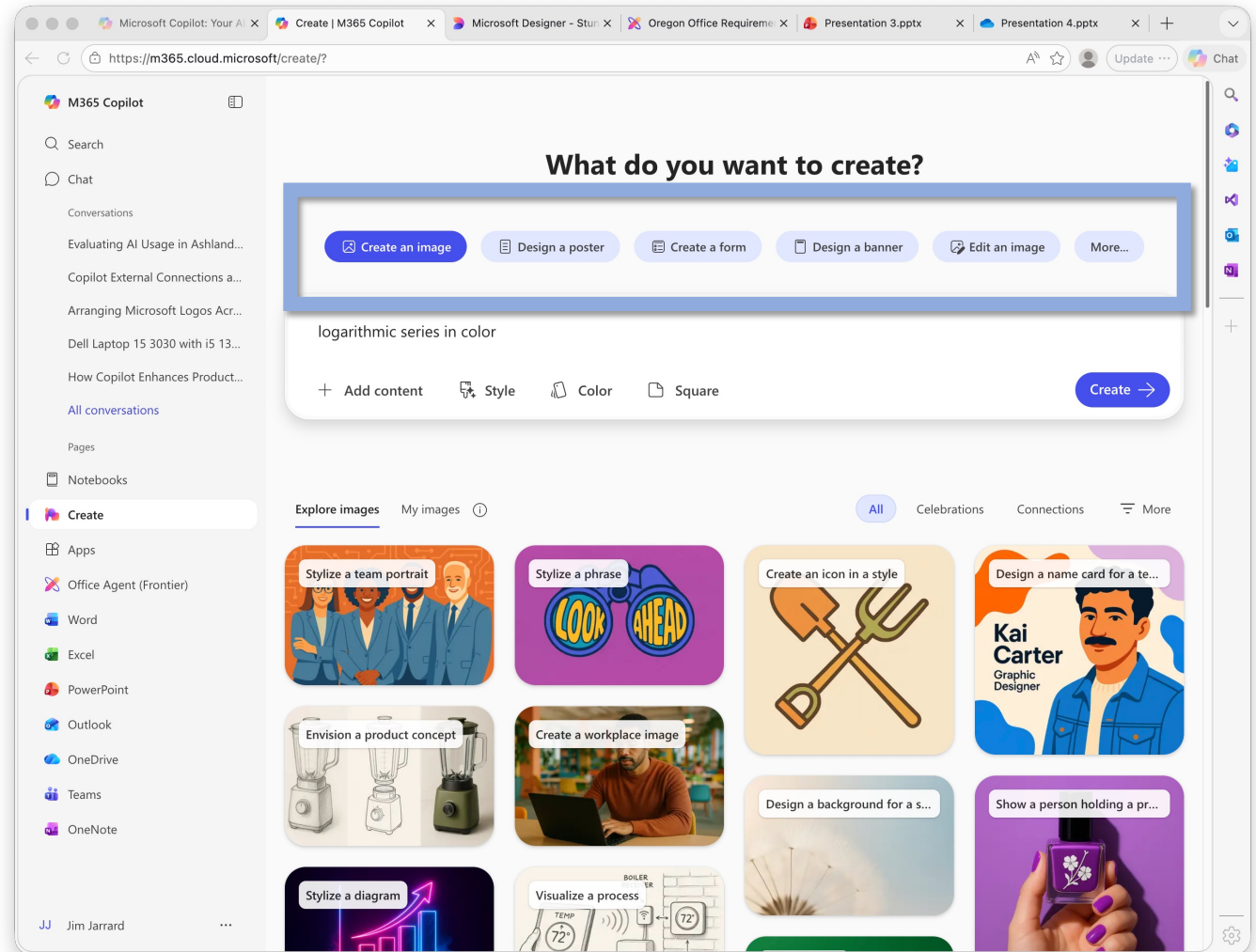


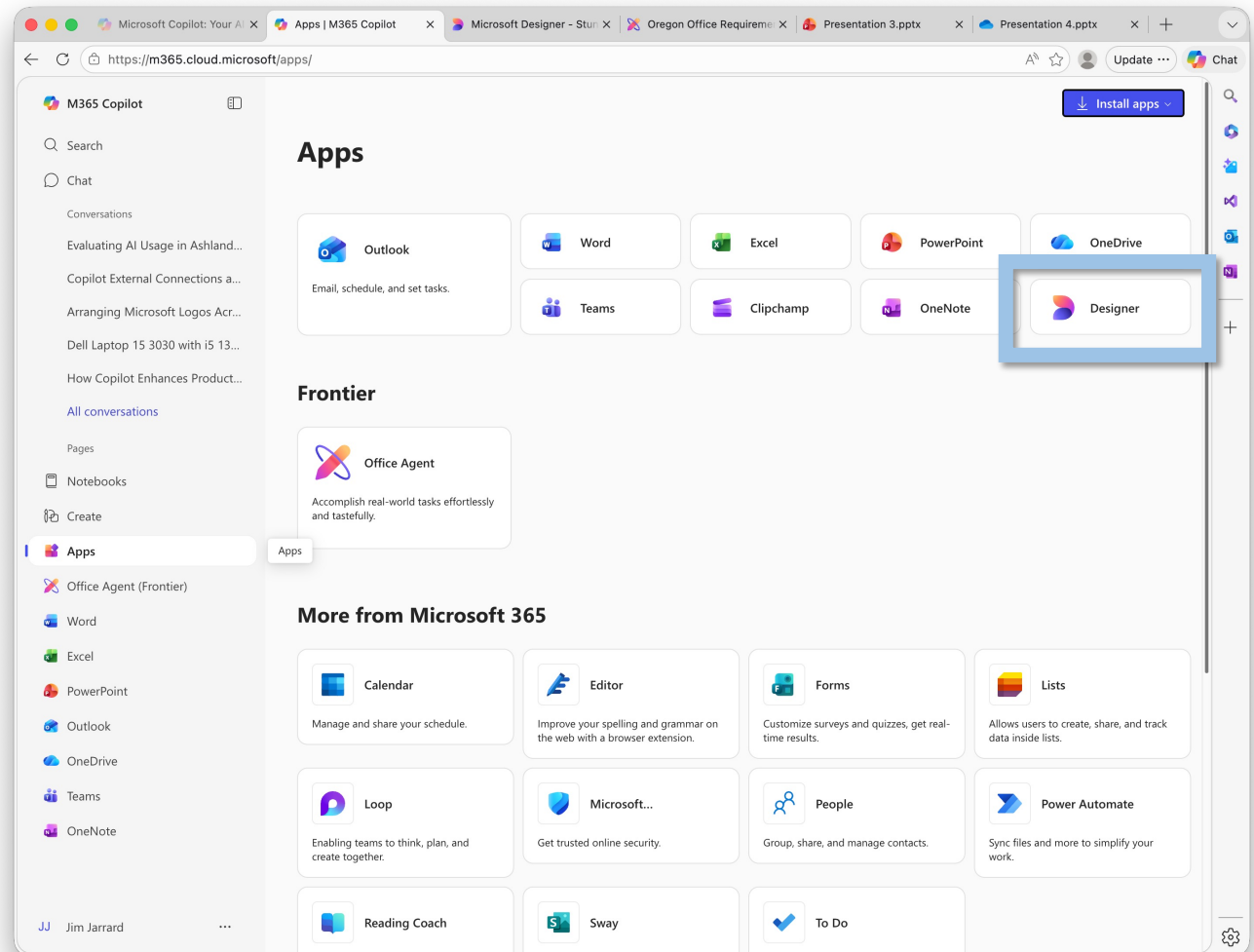


# Copilot Labs

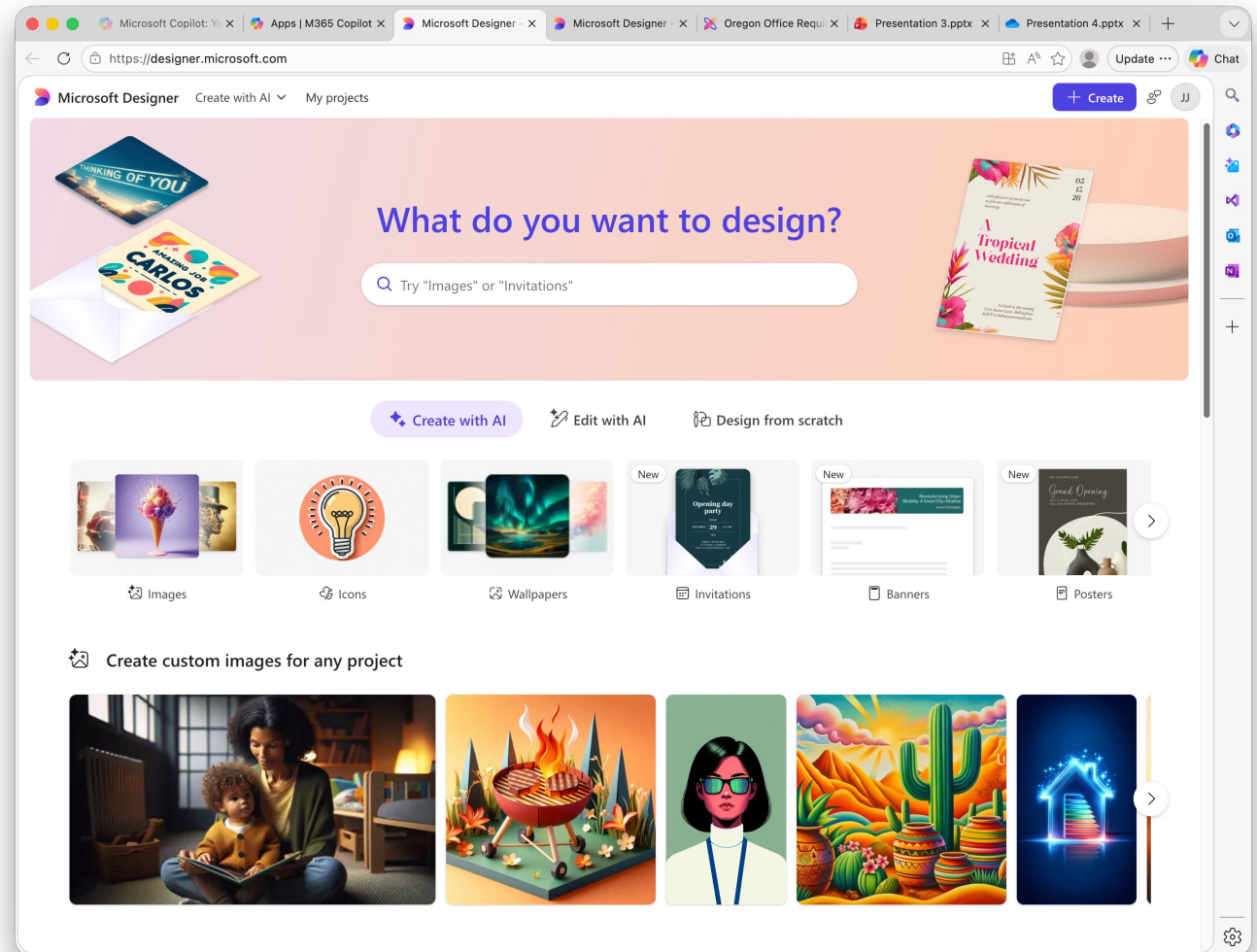




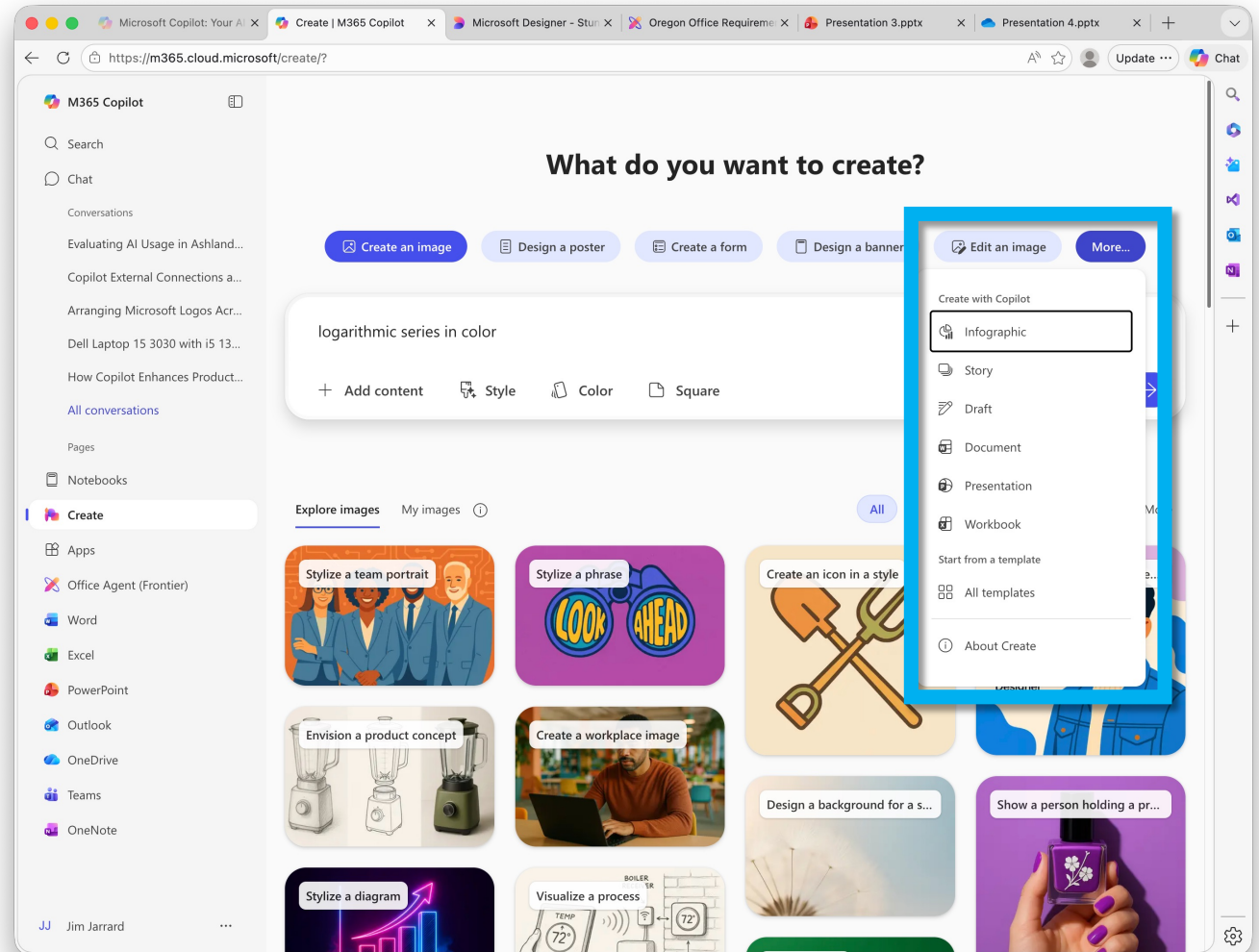














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https://m365.cloud.microsoft/create/?

### M365 Copilot

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Conversations

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Copilot External Connections a...

Arranging Microsoft Logos Acr...

Dell Laptop 15 3030 with i5 13...

How Copilot Enhances Product...

All conversations

Pages

Notebooks

Create

Apps

Office Agent (Frontier)

Word

Excel

PowerPoint

Outlook

OneDrive

Teams

OneNote

JJ Jim Jarrard

## What do you want to create?

Create an image Design a poster Create a form Design a banner **Create a story** More...

creating a lesson plan from idea generation to presentation

Color Style Wide Create →

Use Copilot Stories to turn your ideas into a visual image, visually engaging narratives perfect for storytelling. Just fill in the details above and Copilot will take it from there.

Explore stories My stories

**How to Streamline Cross-Functional Workflows**  
Unlocking Efficiency Across Teams

**APPLICATIONS OPEN**  
VOXAL LEADERSHIP DEVELOPMENT PROGRAM

**STEP 3: CREATE A NEW PASSWORD**  
Enter a new, strong password that meets company requirements. Log in again to verify the password.

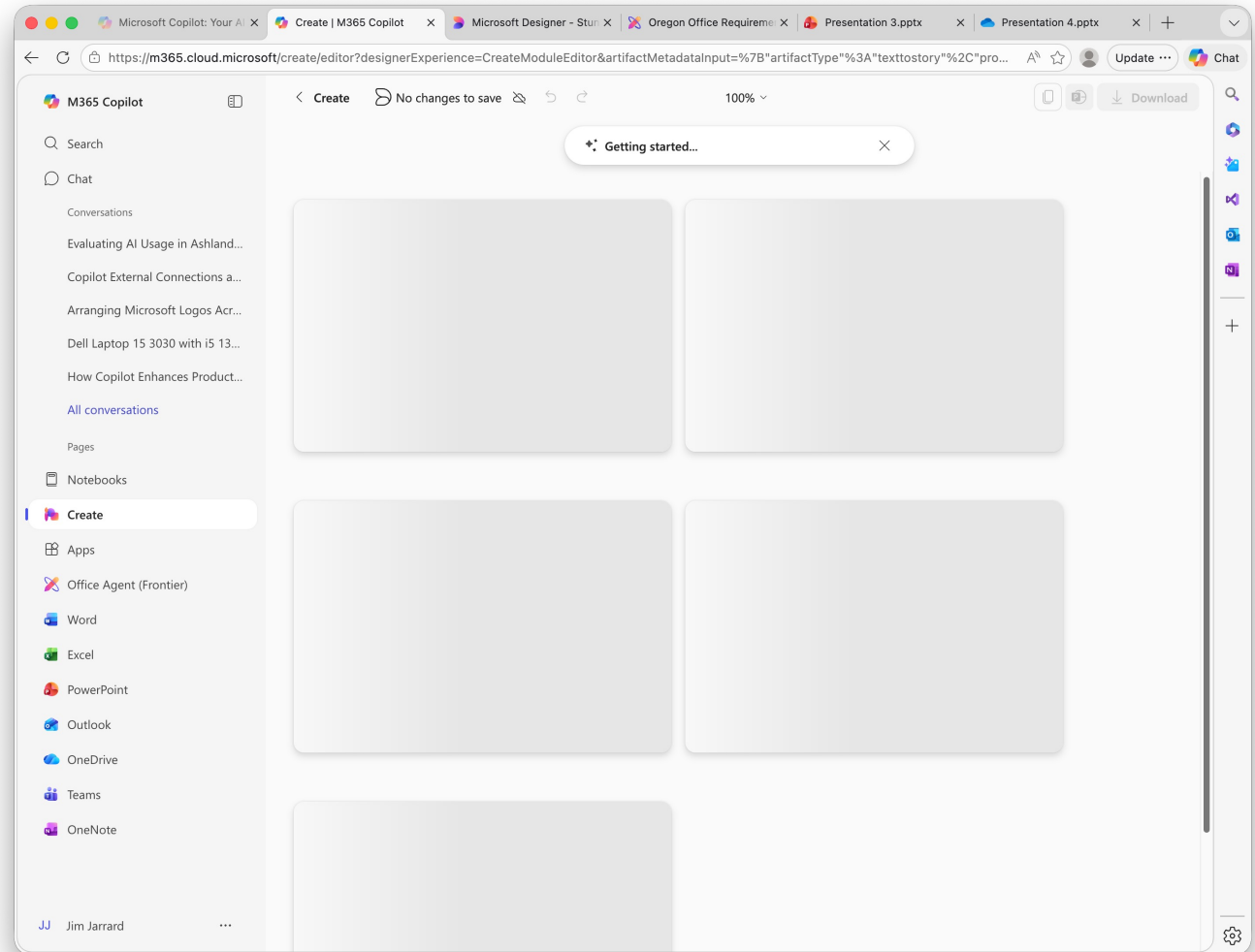
**MAXIMIZING VALUE FROM CLOUD INFRASTRUCTURE**  
Unlocking Potential, Driving Success

**LAKEVIEW PETS ANNUAL SALE**  
July 22nd - 9am - 5pm

**Create a training guide story**  
BEST PRACTICES FOR PROVIDING CUSTOMER SUPPORT

Create a training guide story  
Generate a story using the information from the document with simple i...  
☐ Square  
**Start with this prompt**

**AI Integration at Robotech Manufacturing**  
A SWOT Analysis





Microsoft Copilot: Your AI ... Create | M365 Copilot Microsoft Designer - Stur Oregon Office Require Presentation 3.pptx Presentation 4.pptx

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Teams

OneNote

JJ Jim Jarrard

Create Design 26 100%

Download

From Idea To Lesson

Turn concepts into engaging, teachable experiences

1 Idea 2 Lesson Plan 3 Classroom

Objectives And Audience

Defining core ideas and aligning outcomes with standards

1 Define the core idea 2 Write SMART, Bloom-aligned outcomes 3 Analyze learners and constraints 4 Align with standards or goals

Page 1 Page 2

Design The Learning Journey

Plan effective and balanced instruction using the sequence and formative checks outlined below.

1 Hook 2 Input 3 Practice 4 Closure

Engage and collect input to draw learners in. Deliver content or skills as accurately and thoroughly as possible. Let learners apply new knowledge and skills. Tie it all together and reflect key points.

Choose active methods and modalities. Plan formative checks and summative evidence. Draft rubrics and timing.

Page 3

Materials And Accessibility

1 Build clear, visual slides 2 Add captions, alt text, contrast 3 Prepare handouts and backups 4 Rehearse transitions and pacing

Page 4

Deliver, Reflect, Iterate

Engage, gather feedback, improve

1 2 3



# From Idea To Lesson

Turn concepts into engaging, teachable experiences





# Objectives And Audience

Defining core ideas and aligning outcomes with standards



Define the core idea



Write SMART, Bloom-aligned outcomes



Analyze learners and constraints



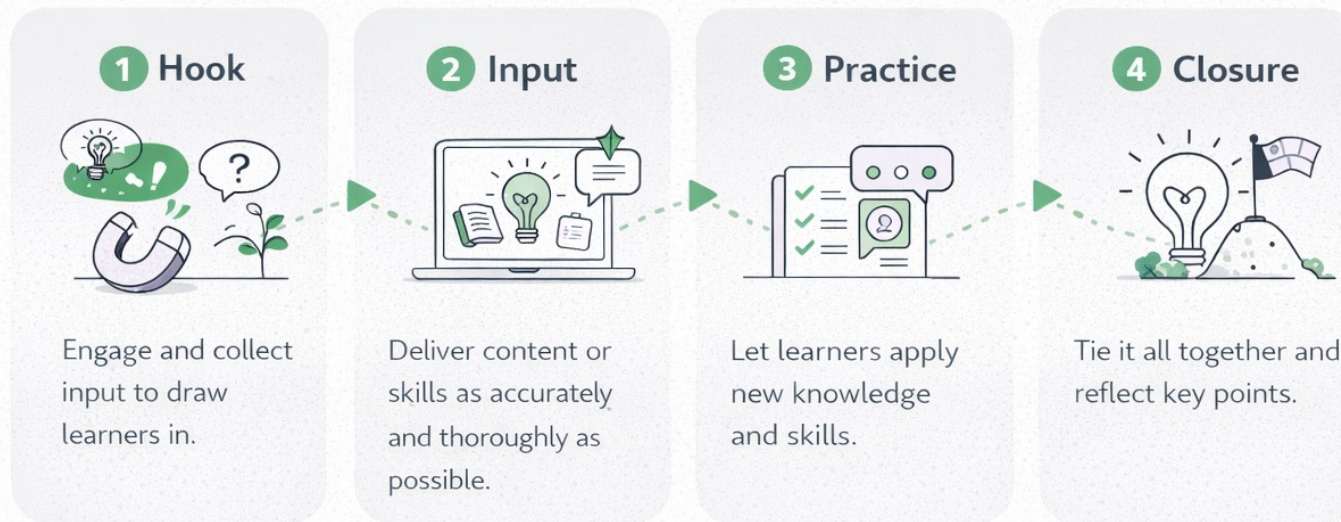
Align with **standards** or goals





# Design The Learning Journey

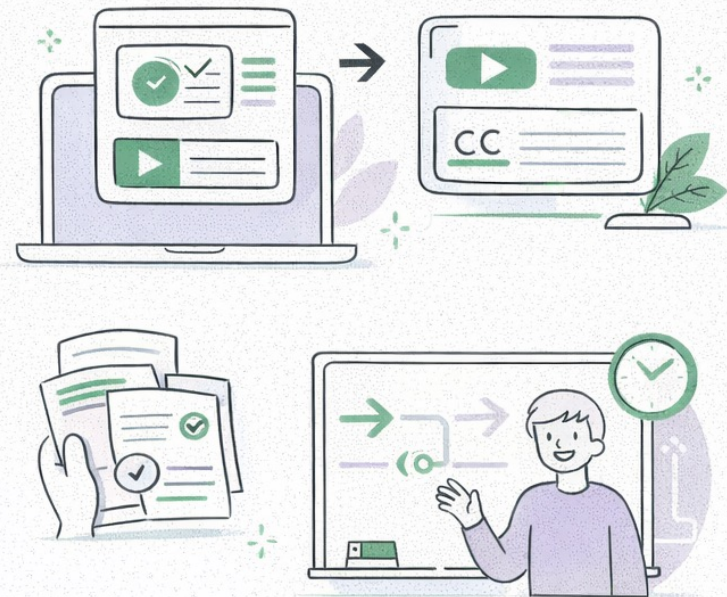
Plan effective and balanced instruction using the sequence and formative checks outlined below.



- ✓ **Choose** active methods and modalities
- ✓ **Plan** formative checks and summative evidence
- ✓ **Draft** rubrics and timing

# Materials And Accessibility

- 1 Build clear, **visual slides**
- 2 Add **captions, alt text**, contrast
- 3 Prepare handouts and **backups**
- 4 Rehearse **transitions** and pacing





# Deliver, Reflect, Iterate

Engage, gather feedback, improve







## 1930s Photo Booth





# Google Gemini

## Iterative Photo Improvements





# Copilot – Iterative Photo Enhancements

Improvements must be made one at a time.

- Remove rough edges – remove cracks
- Correct photo emulsion – dust/deterioration
- Increase resolution – 1930s archive emulation



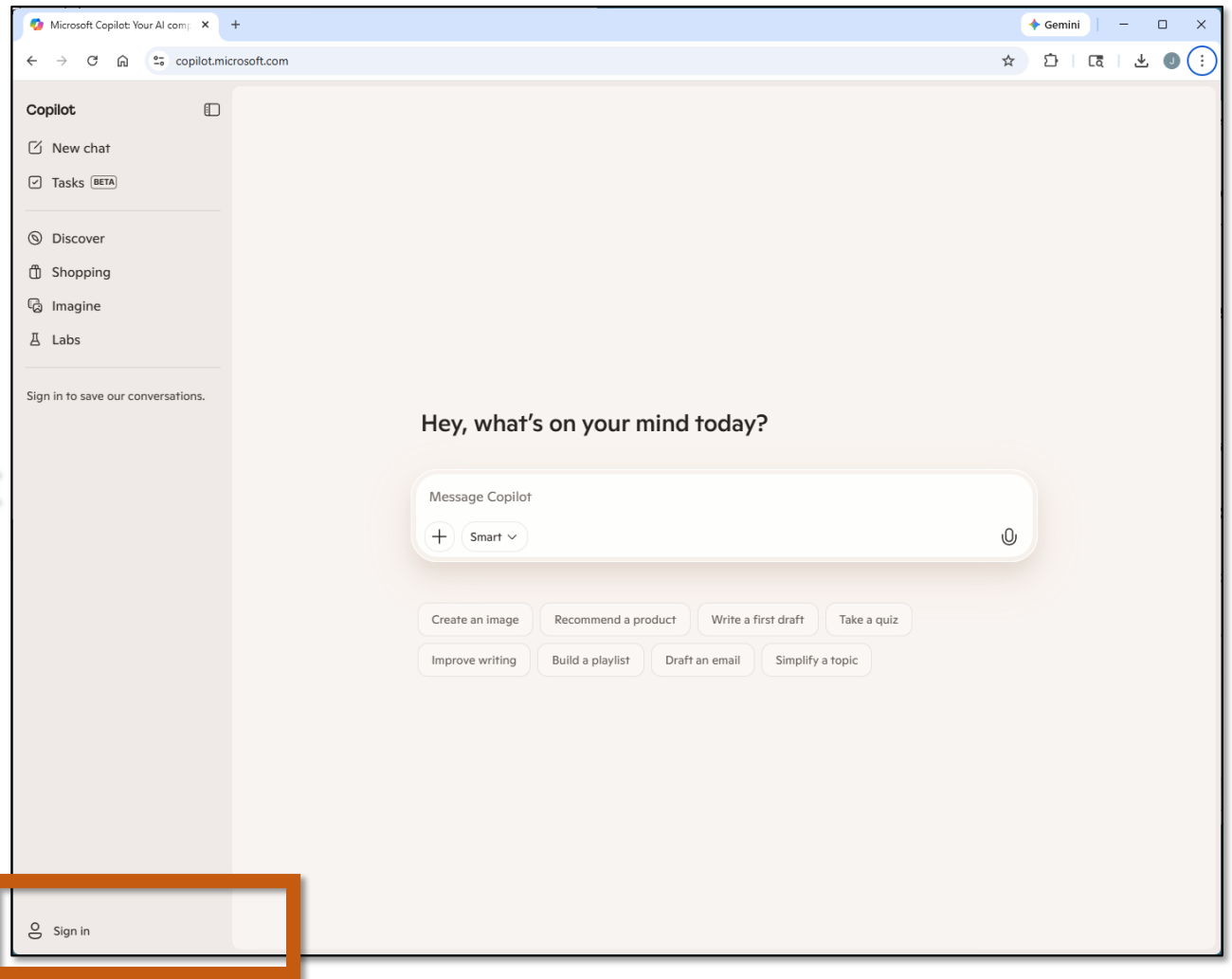


[copilot.microsoft.com](https://copilot.microsoft.com)

Google Chrome browser

Not Logged Onto Copilot

On Windows 11  
before login to Copilot

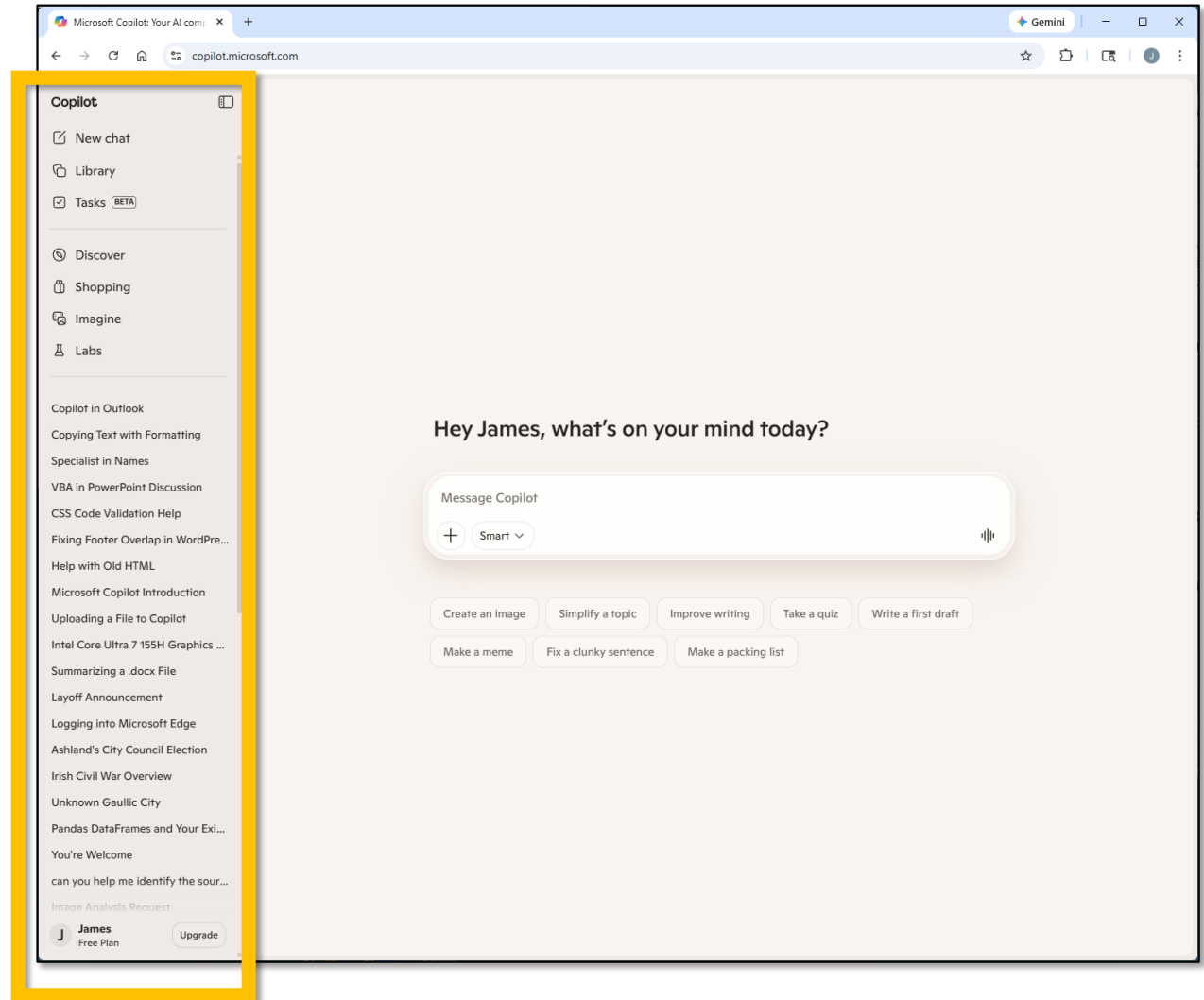


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Google Chrome browser

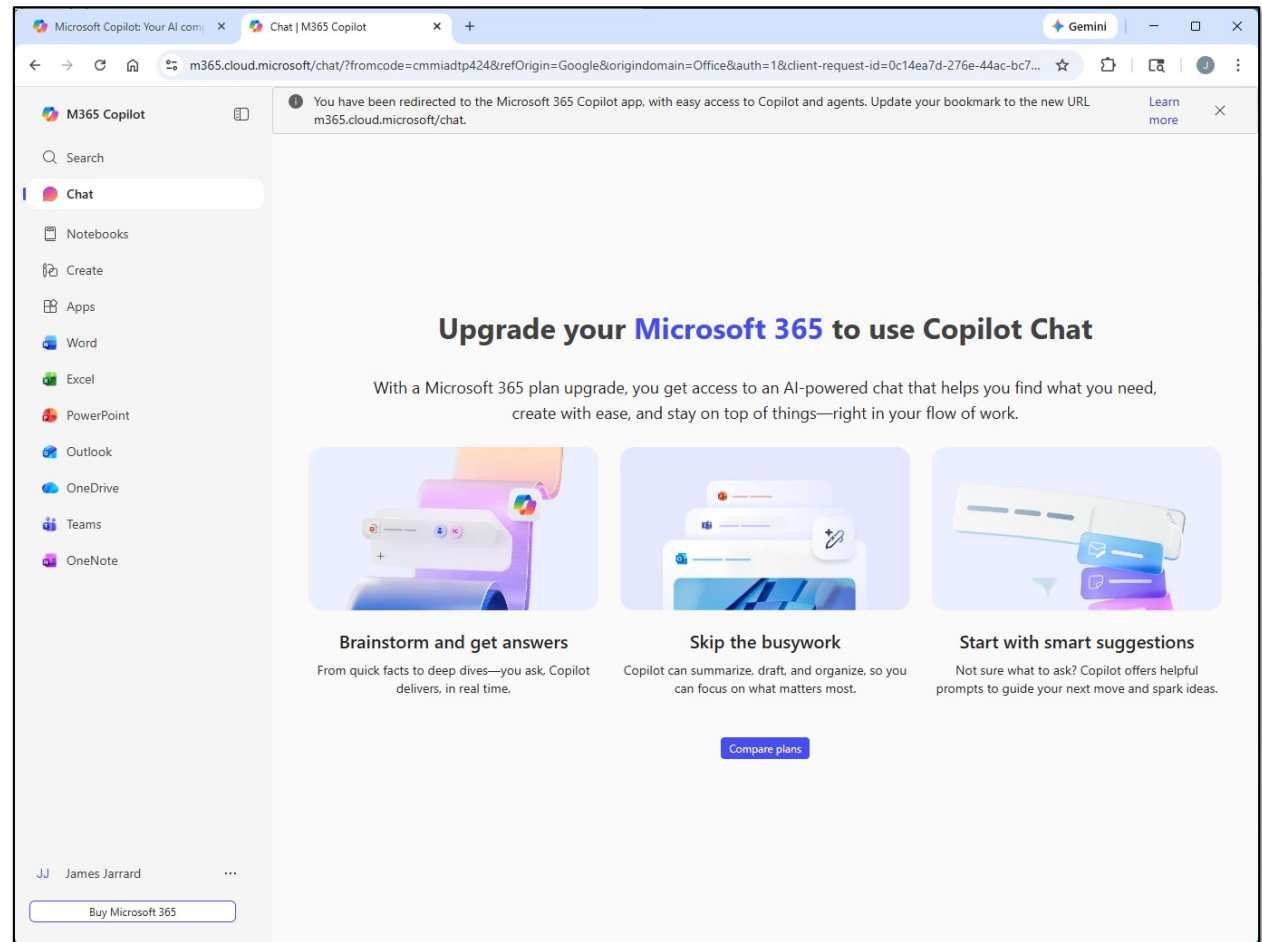
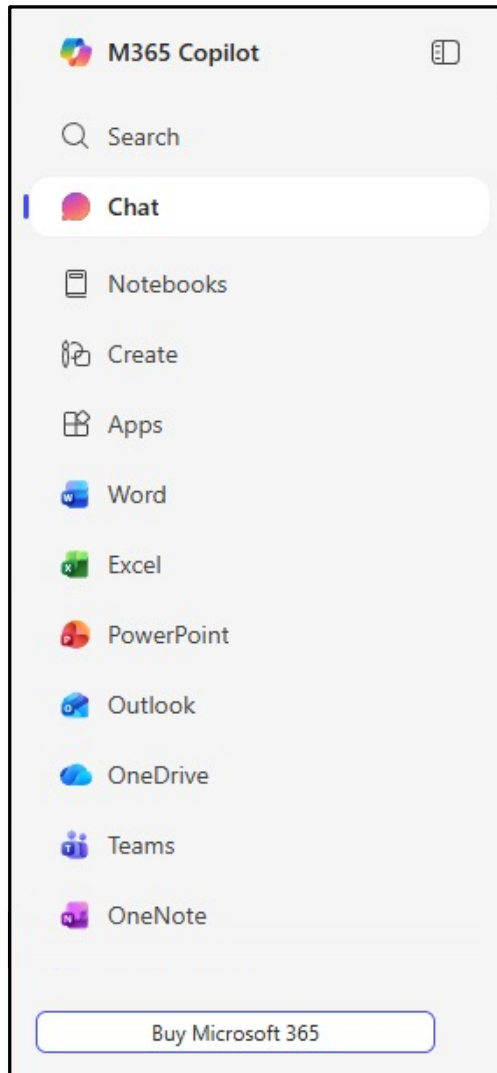
Logged Onto Copilot

On Windows 11  
logon to Copilot





# m365.cloud.Microsoft/chat





m365.cloud.Microsoft/chat

Apps  
potentially available

Outlook

Word

Excel

PowerPoint

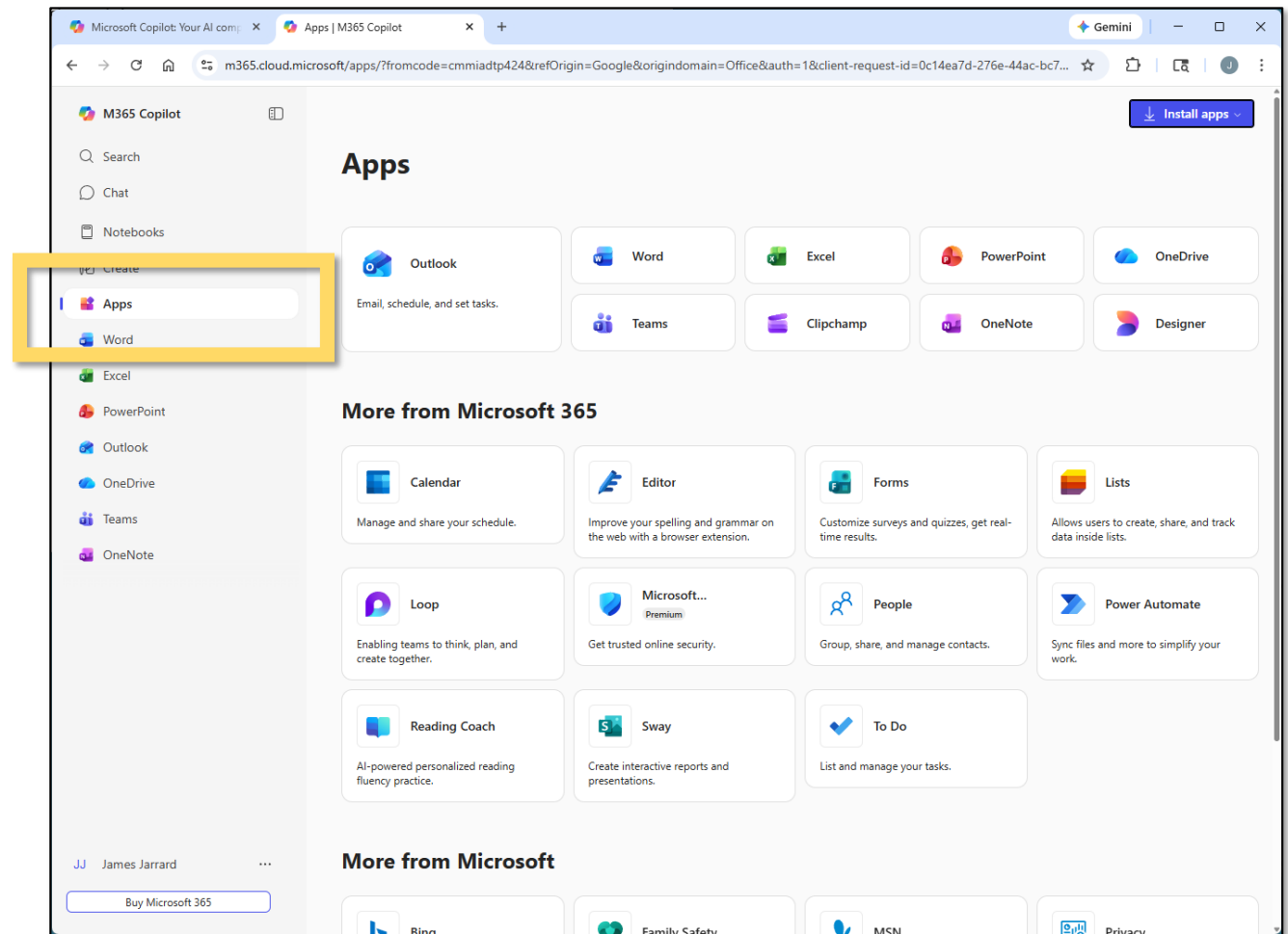
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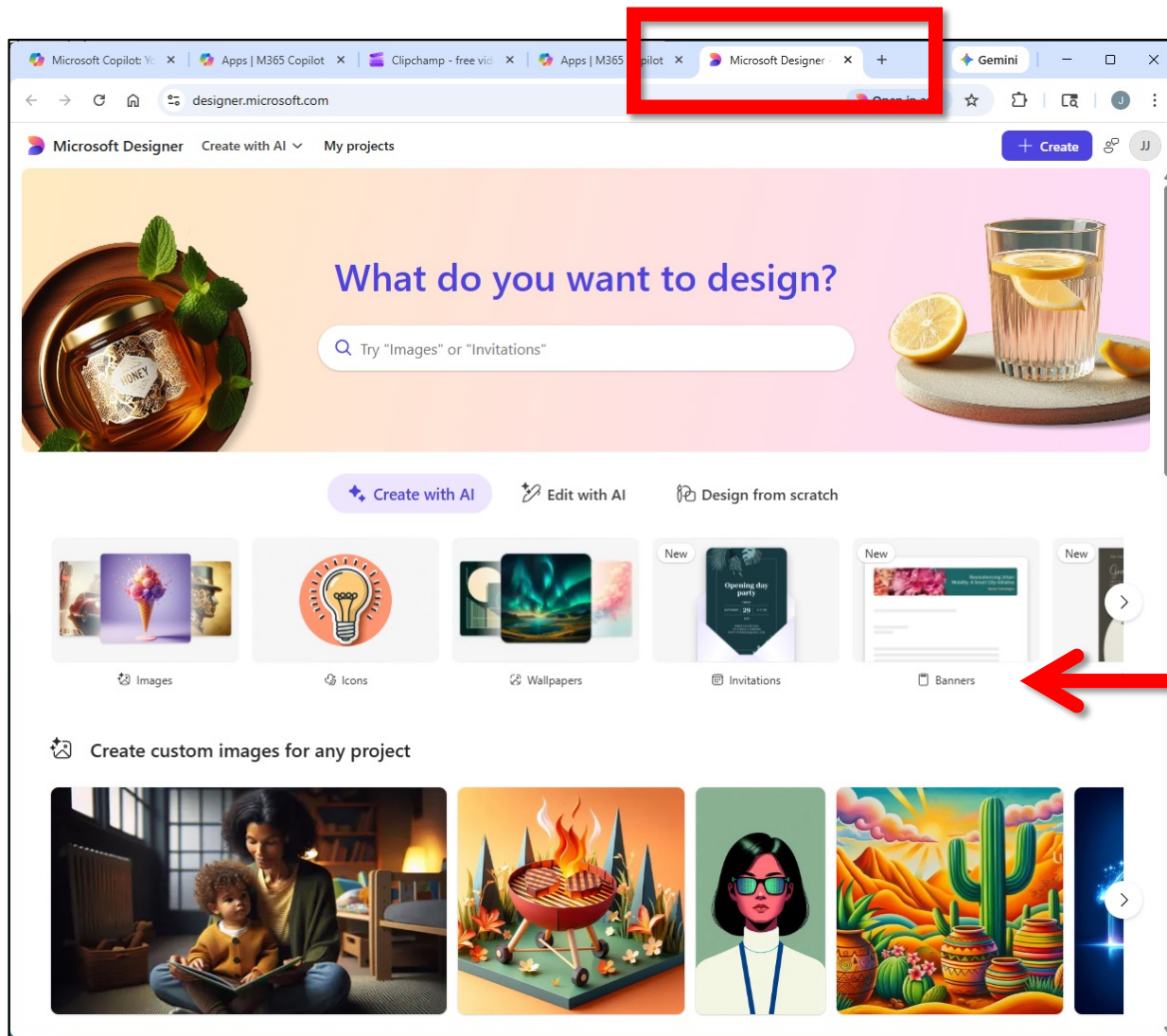
OneNote

\* Developer \*

Loop

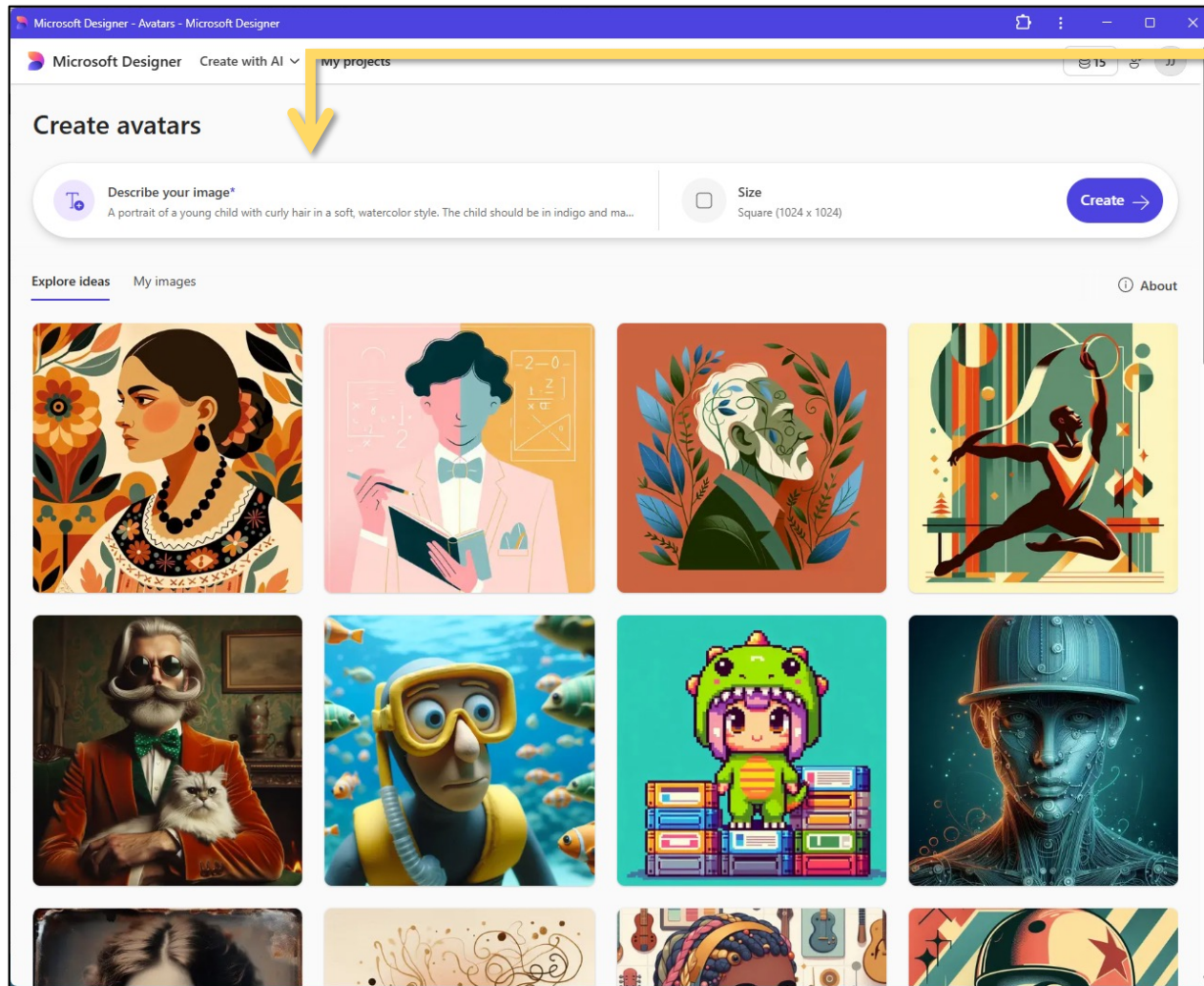
Calendar





Designer.Microsoft.com

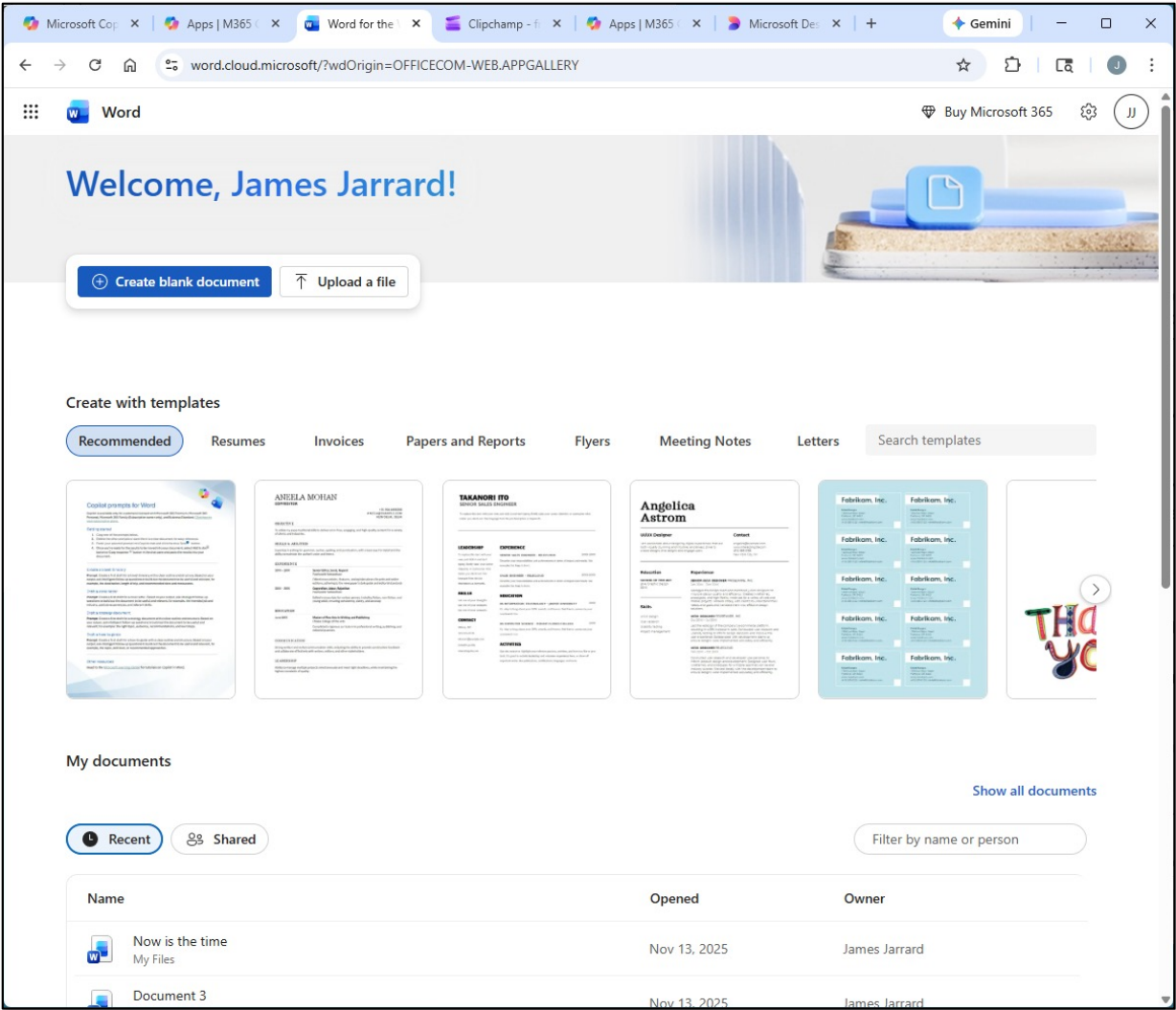
Image Creation



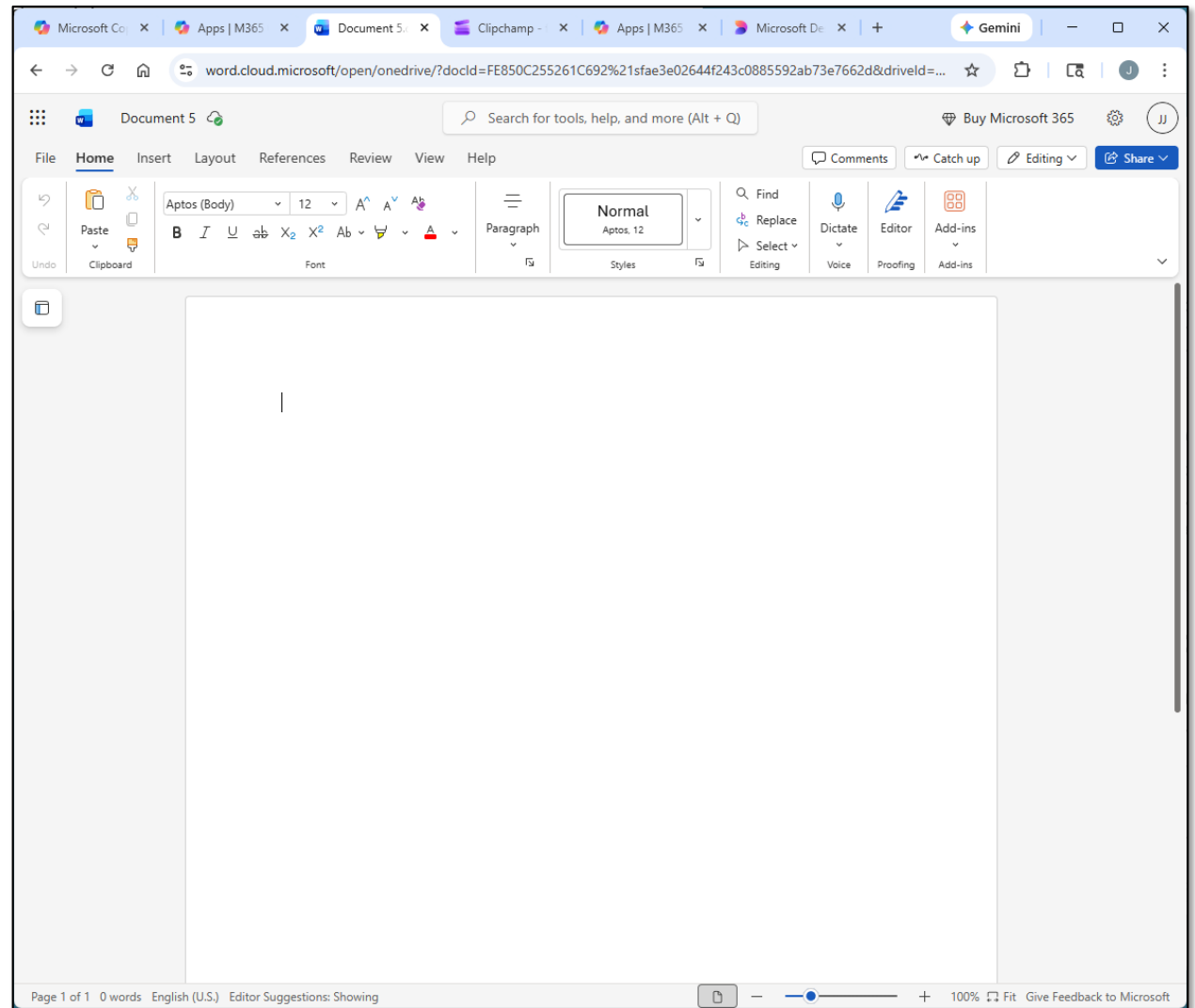
Prompt Box + Size/Style Config

Designer.Microsoft.com

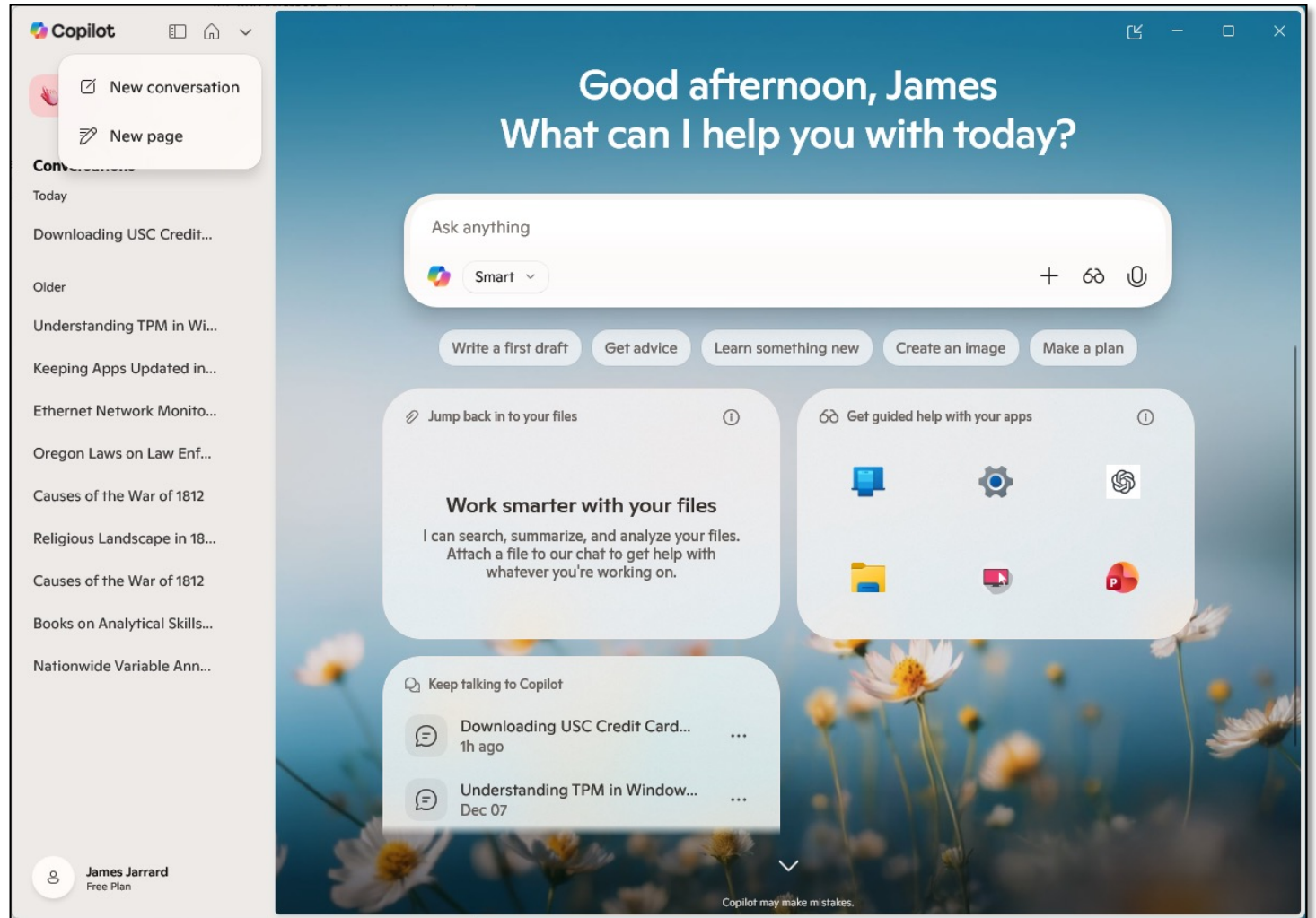
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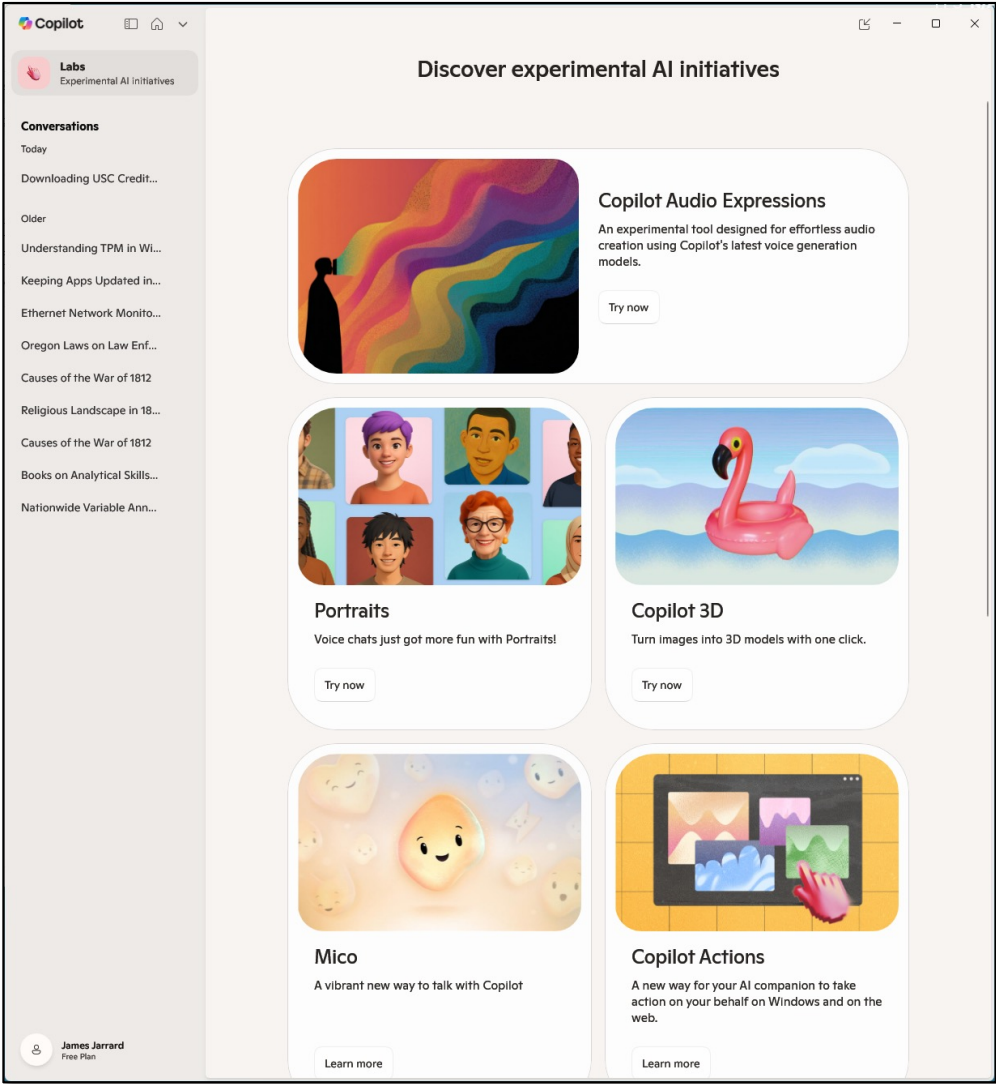
Word.Cloud.Microsoft





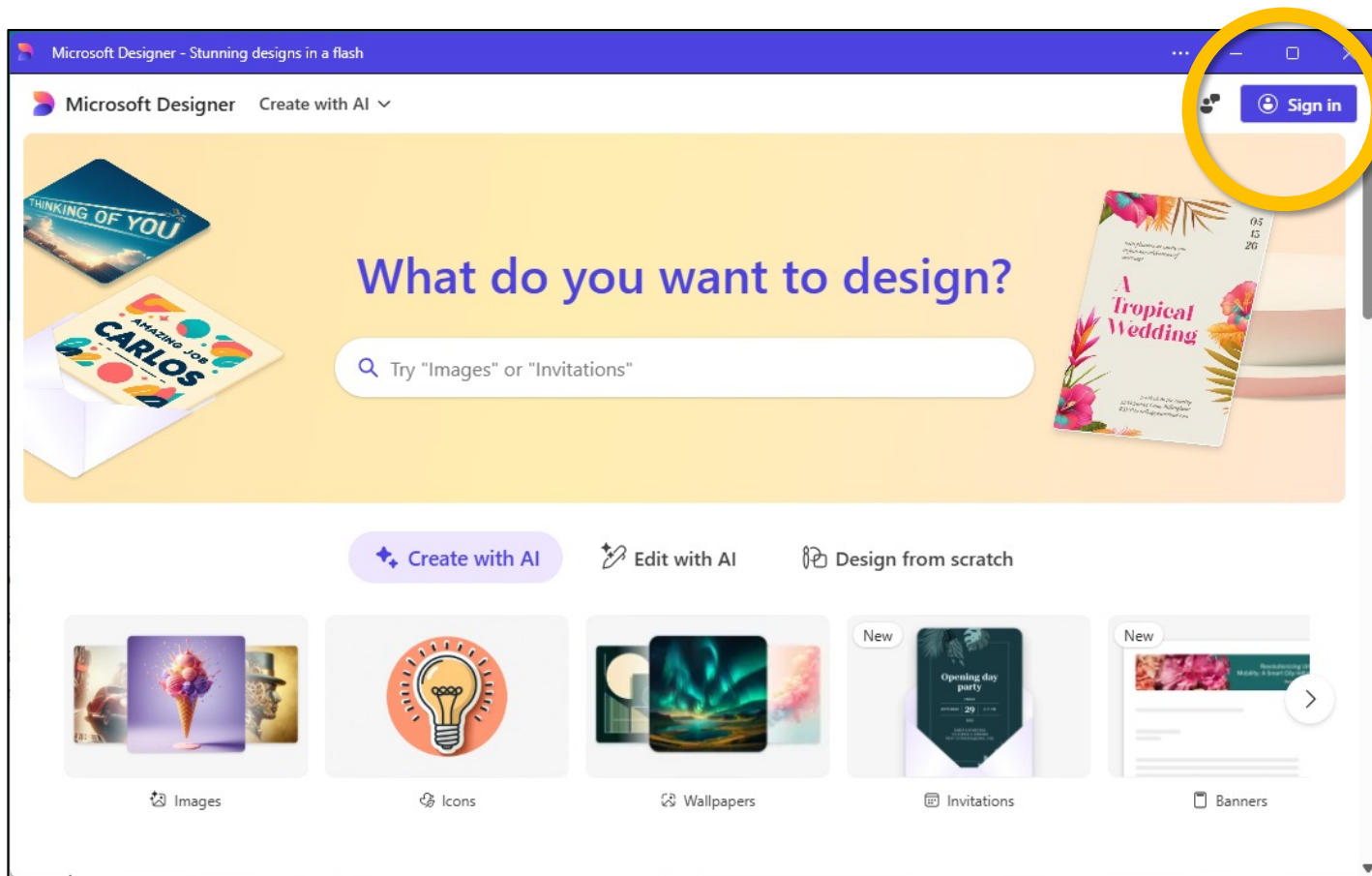


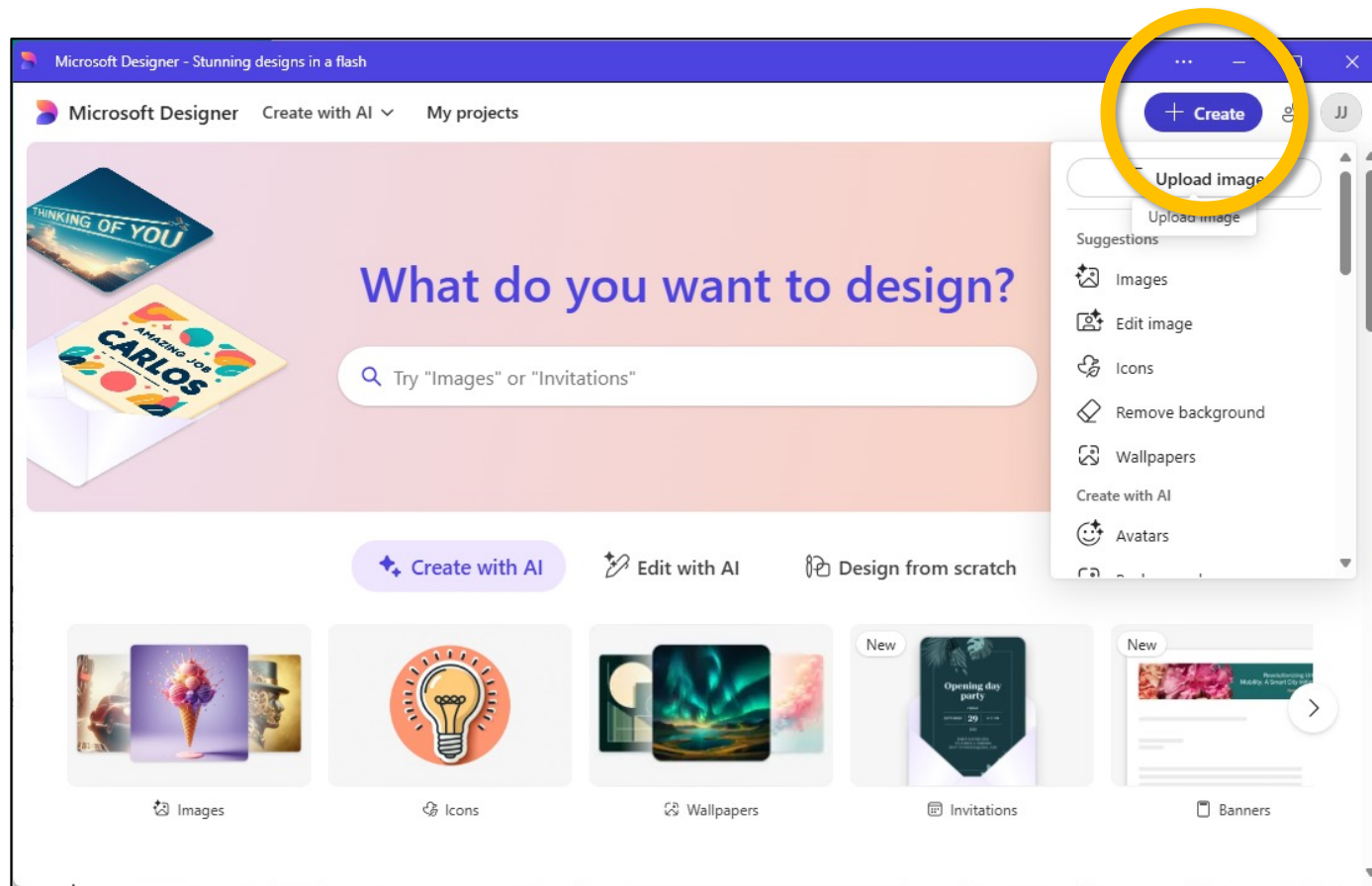
copilot.microsoft.com/labs



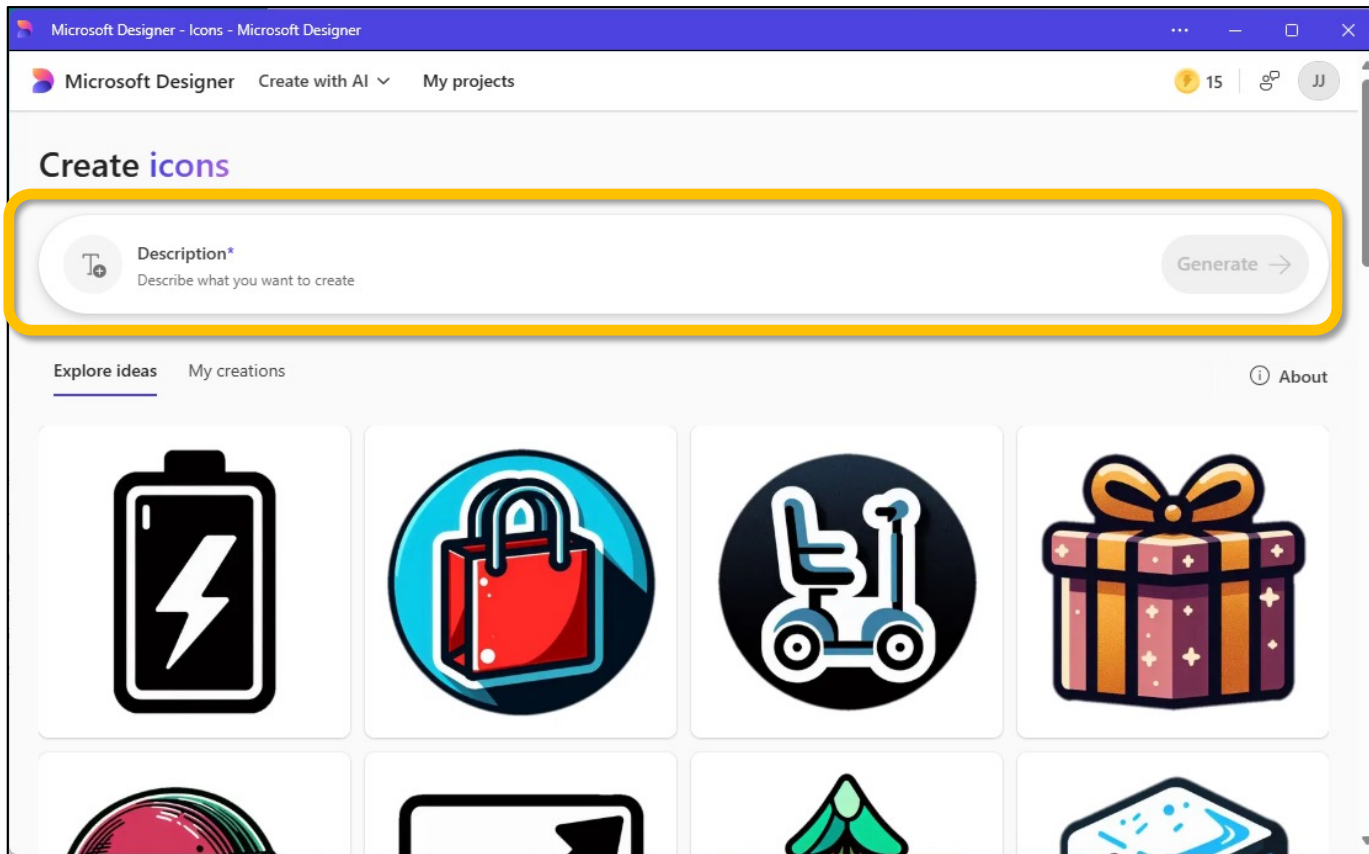


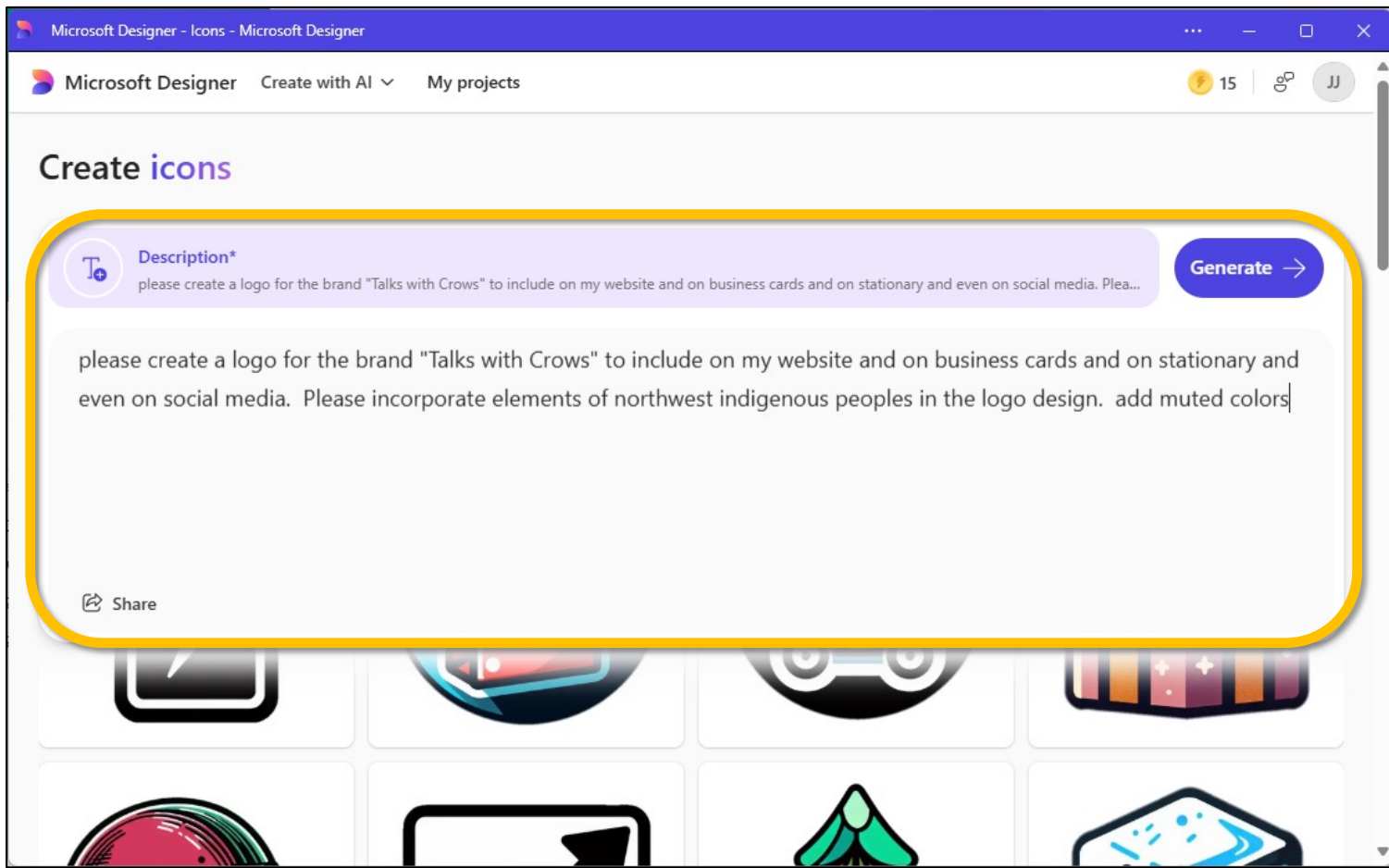
# Microsoft Designer

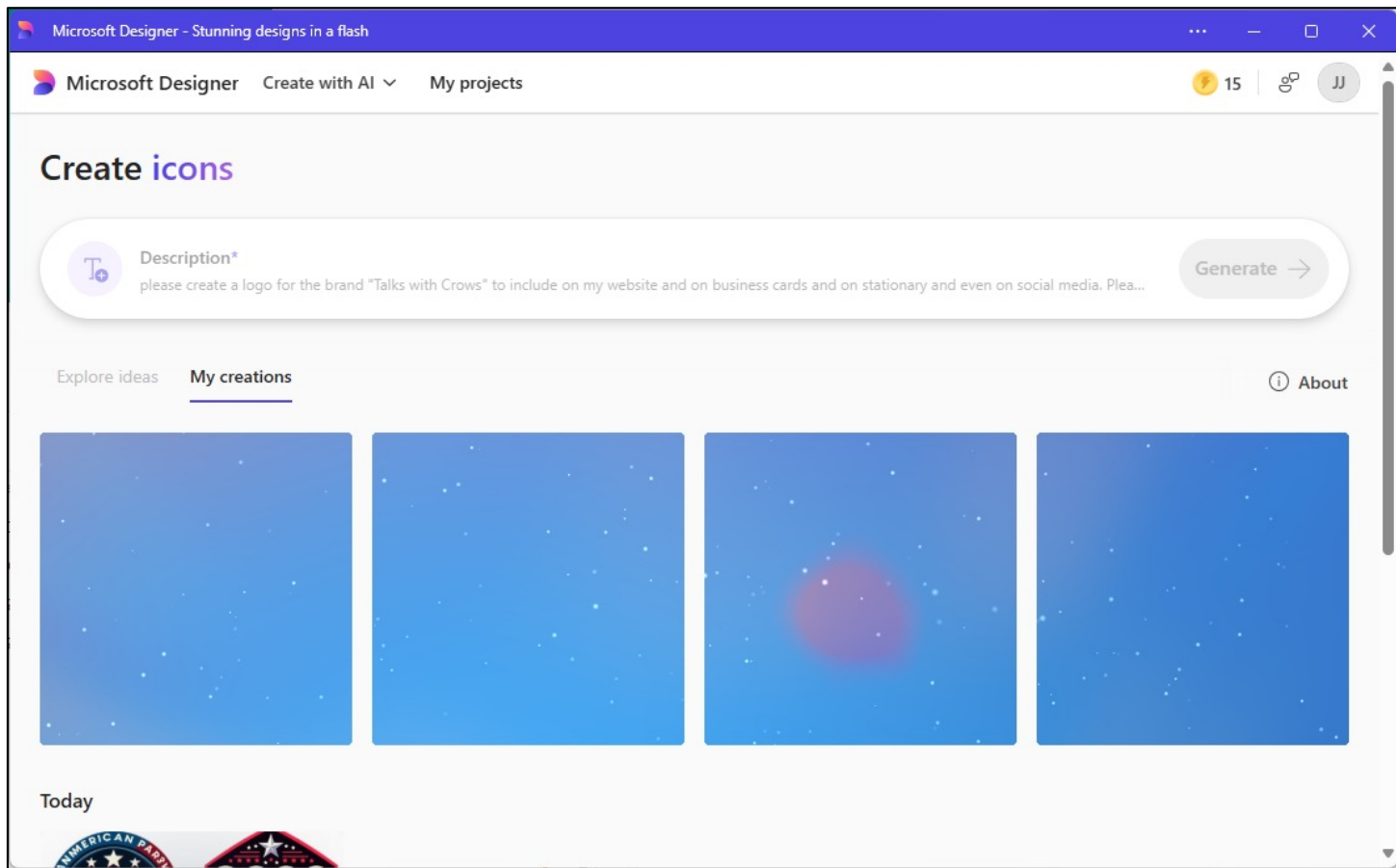


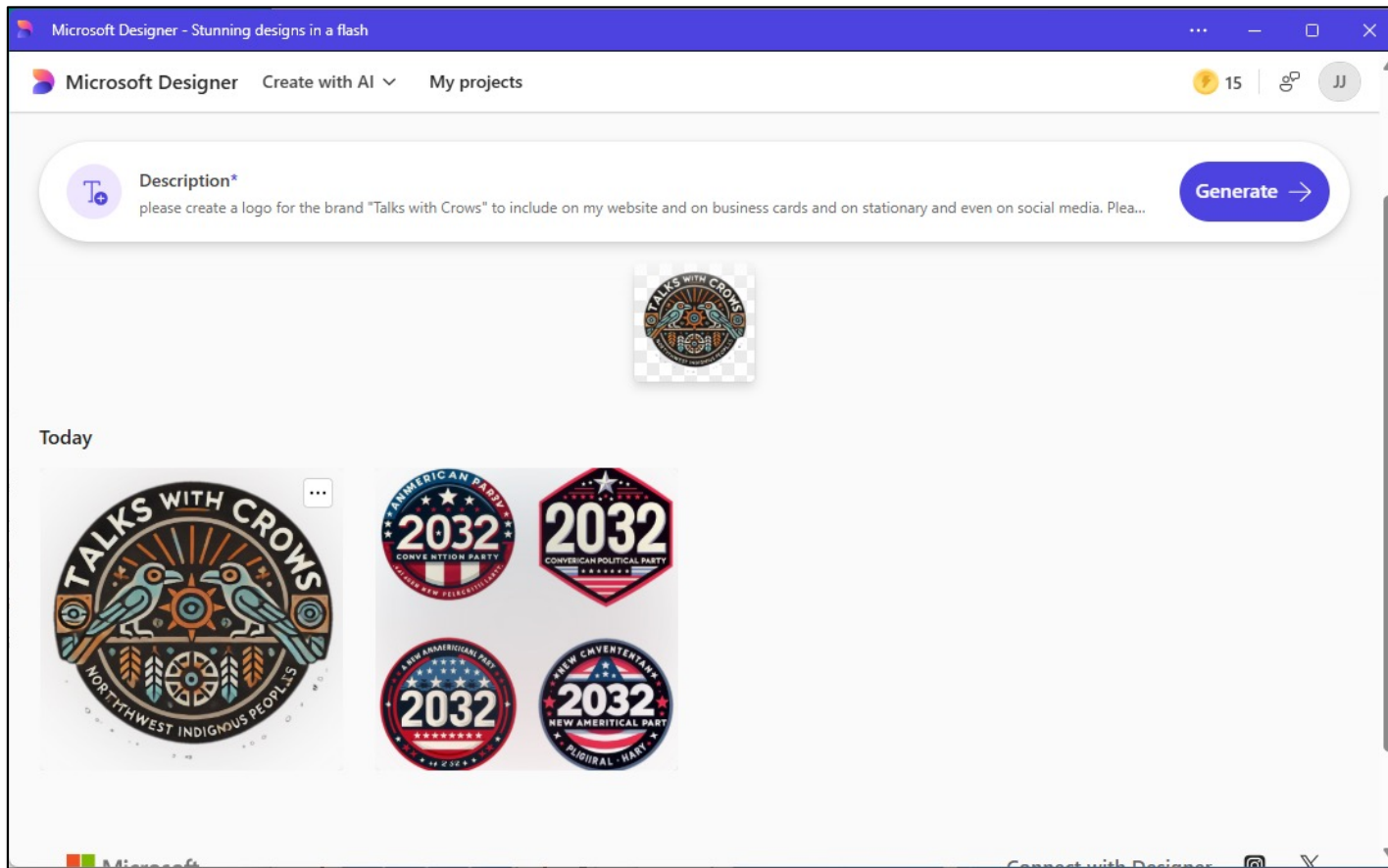


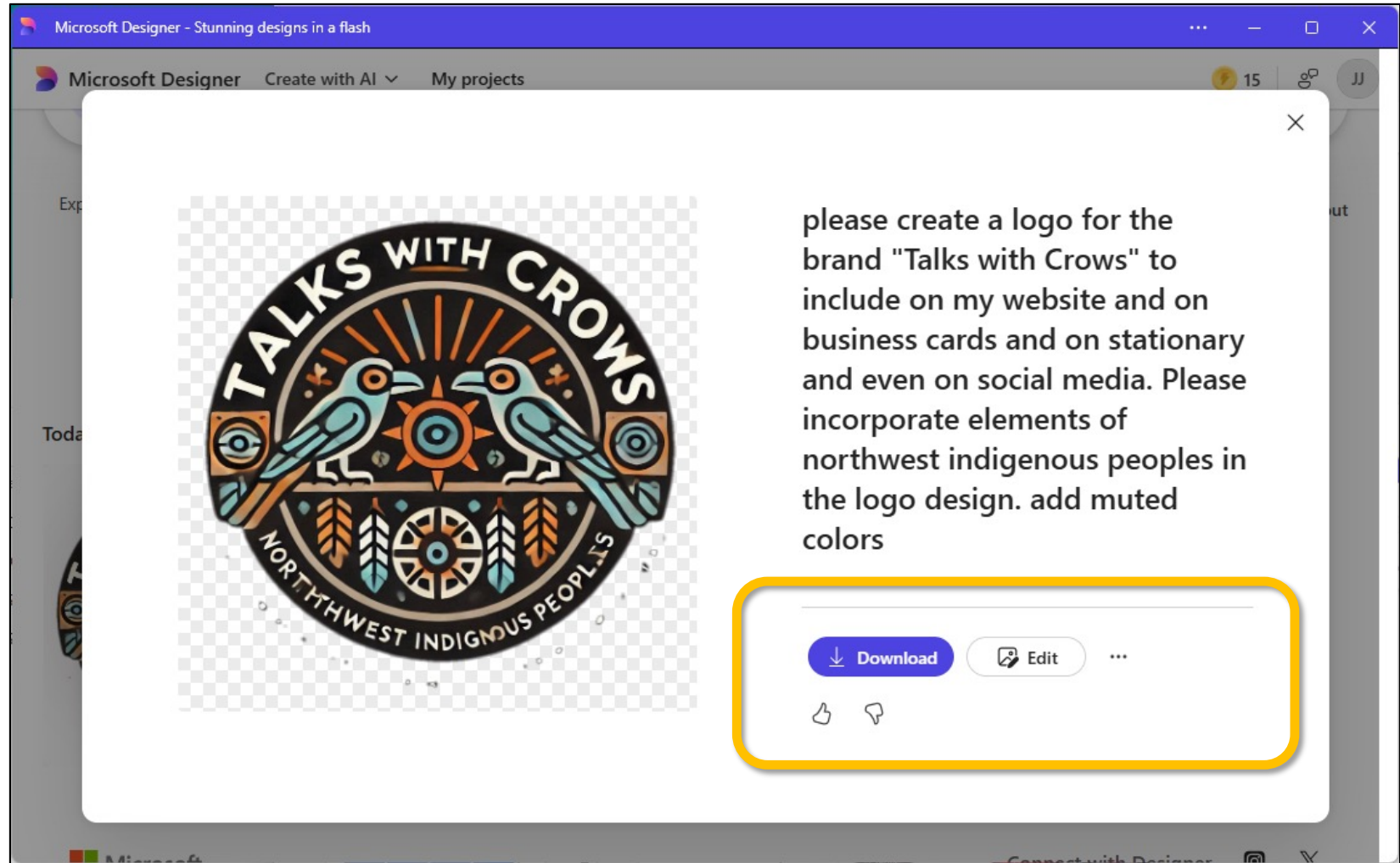




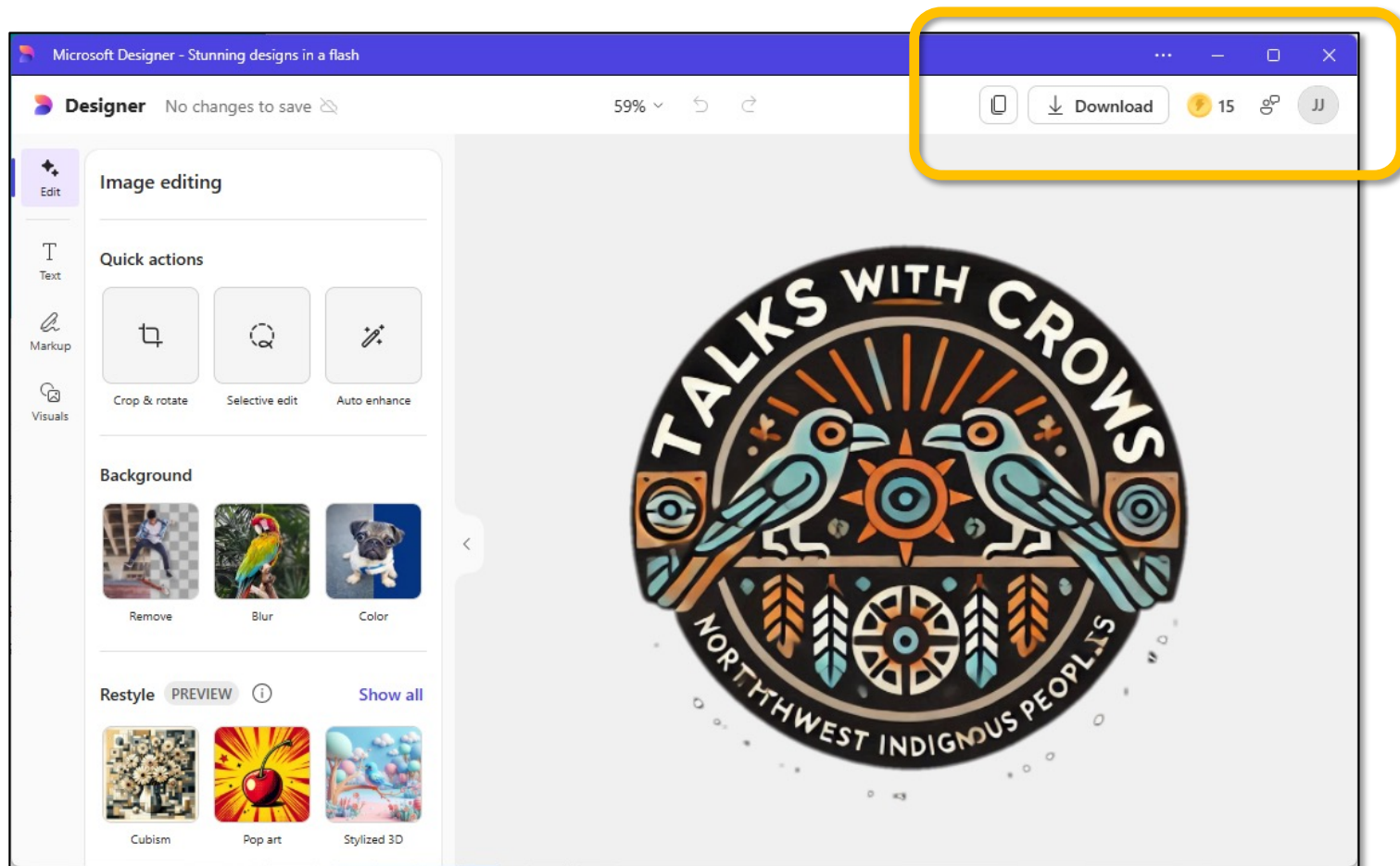


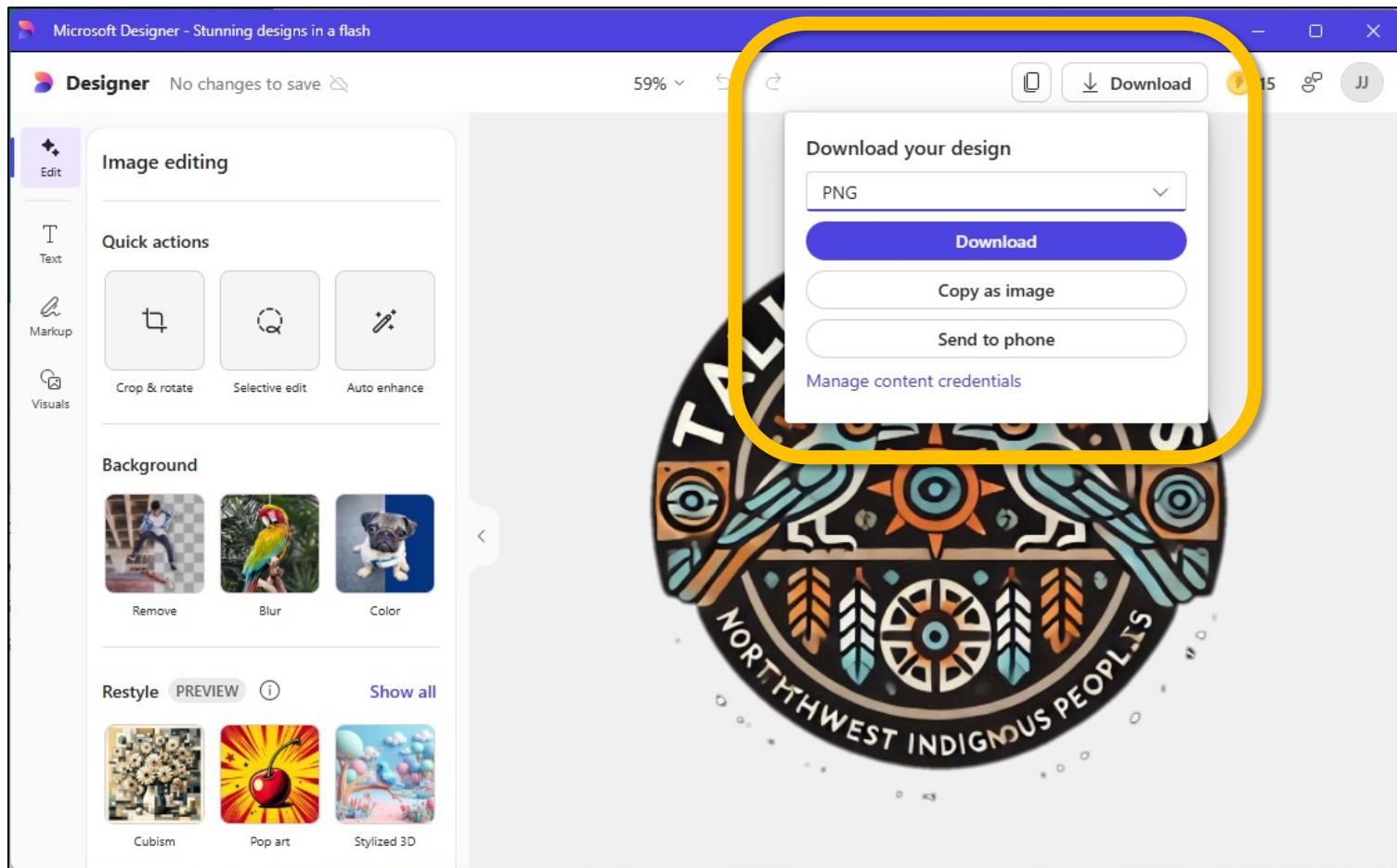


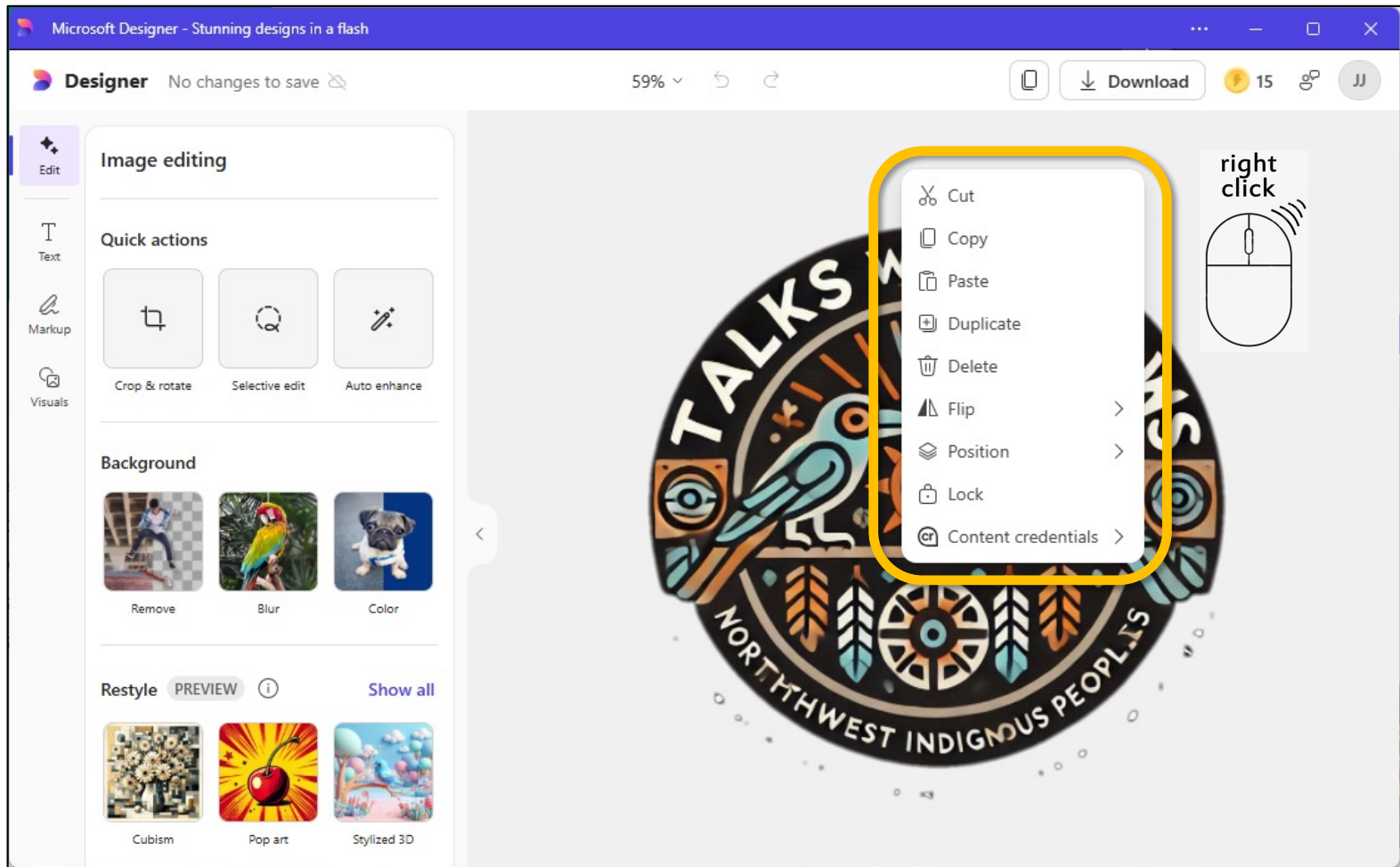




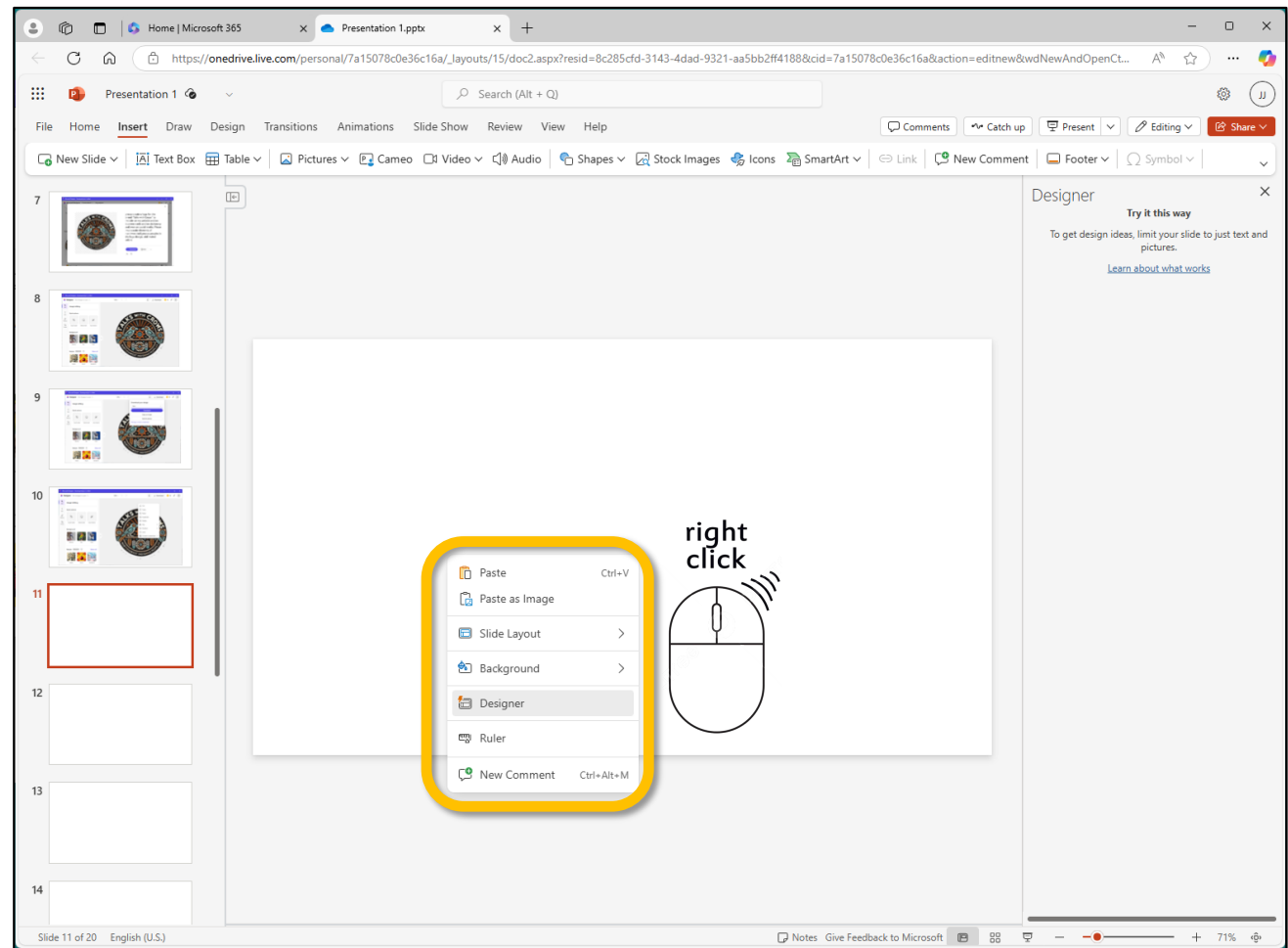


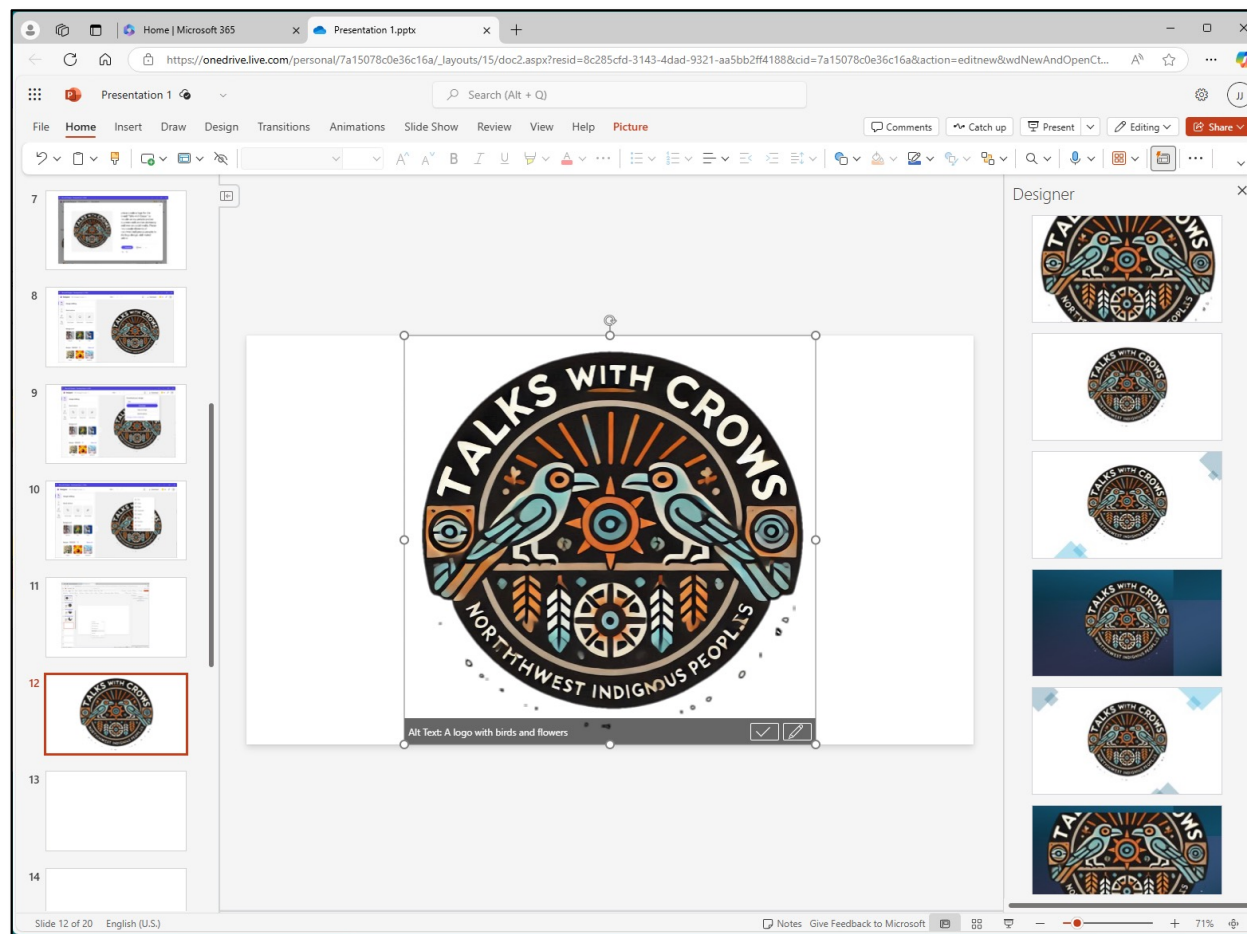






# PowerPoint









# Creating Images in Microsoft Designer

