

How I am using AI

John Pilbeam, Web/Digital Officer, Sainsbury Library



Overview

- Introduction
- AI in Current Software
- AI in the University Pilot
- On the Horizon

Introduction

Introduction

My role

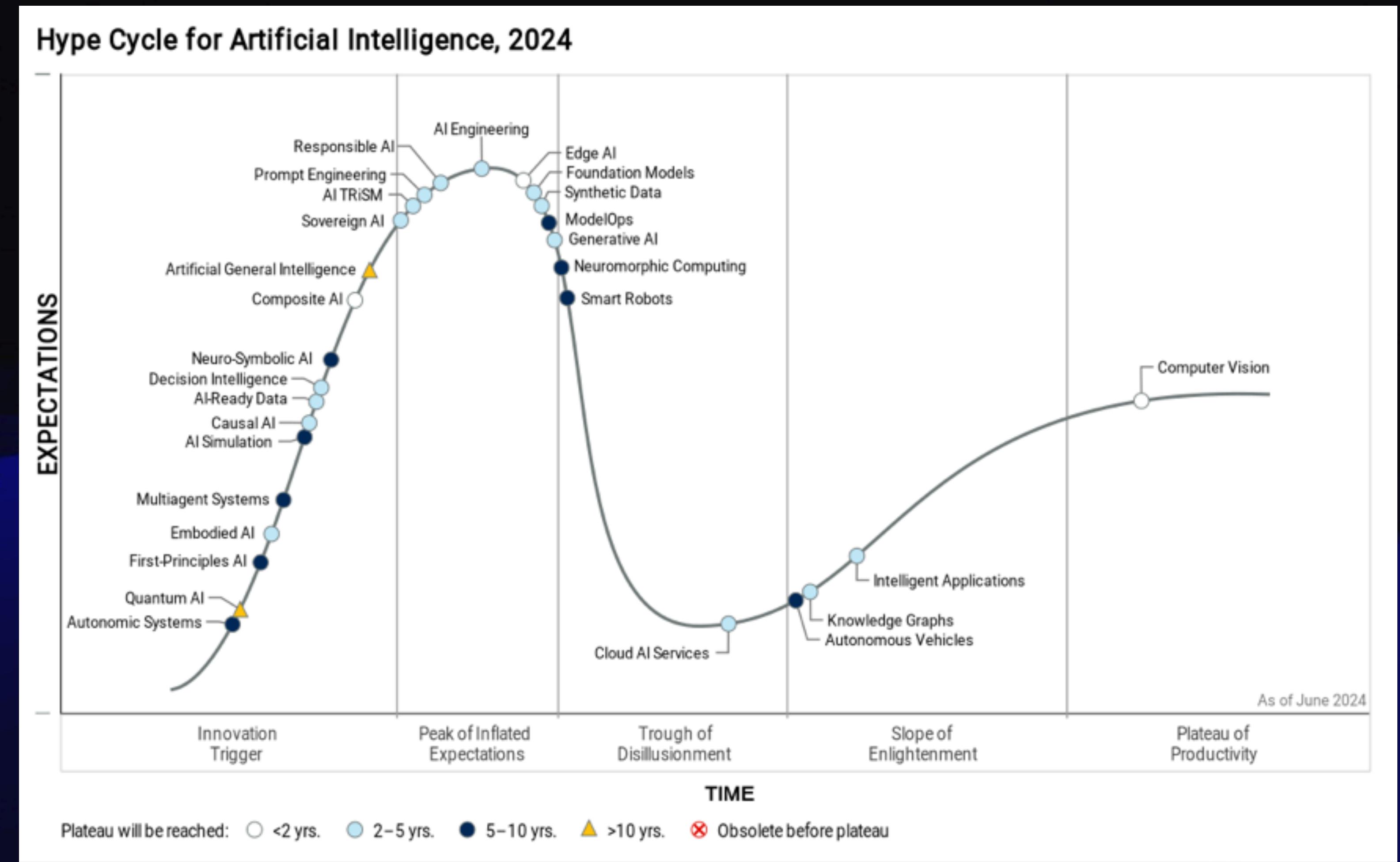
- Web/Digital Officer at the Sainsbury Library, Bodleian Business Library, Saïd Business School.
- Varied role including:
 - Web development
 - Social Media
 - Digital content creation
 - Data analysis and visualisation



Introduction

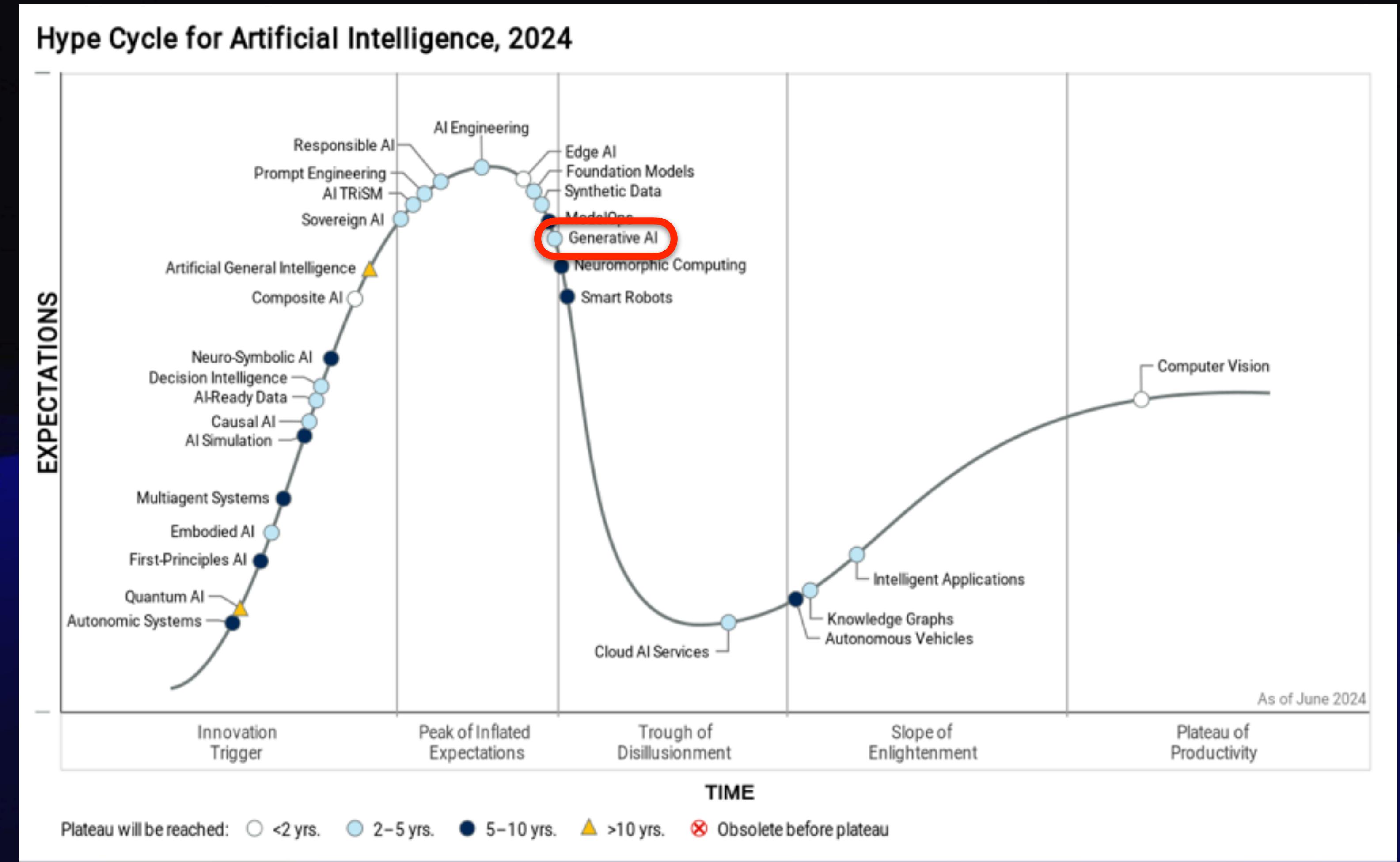
The rise of Generative AI

- Many events, webinars, articles etc.
- Definitions
- Ethics
- University Guidelines (<https://www.infosec.ox.ac.uk/use-generative-ai-services-such-as-chatgpt-safely>)
- Pace can feel overwhelming
- Hype - "peak AI"



Gartner

Gartner Hype Cycle for Artificial Intelligence, 2024, Published 17 June 2024
By Afraz Jaffri, Haritha Khandabattu
<https://go.glam.ox.ac.uk/ai-hype-cycle-24>



Gartner

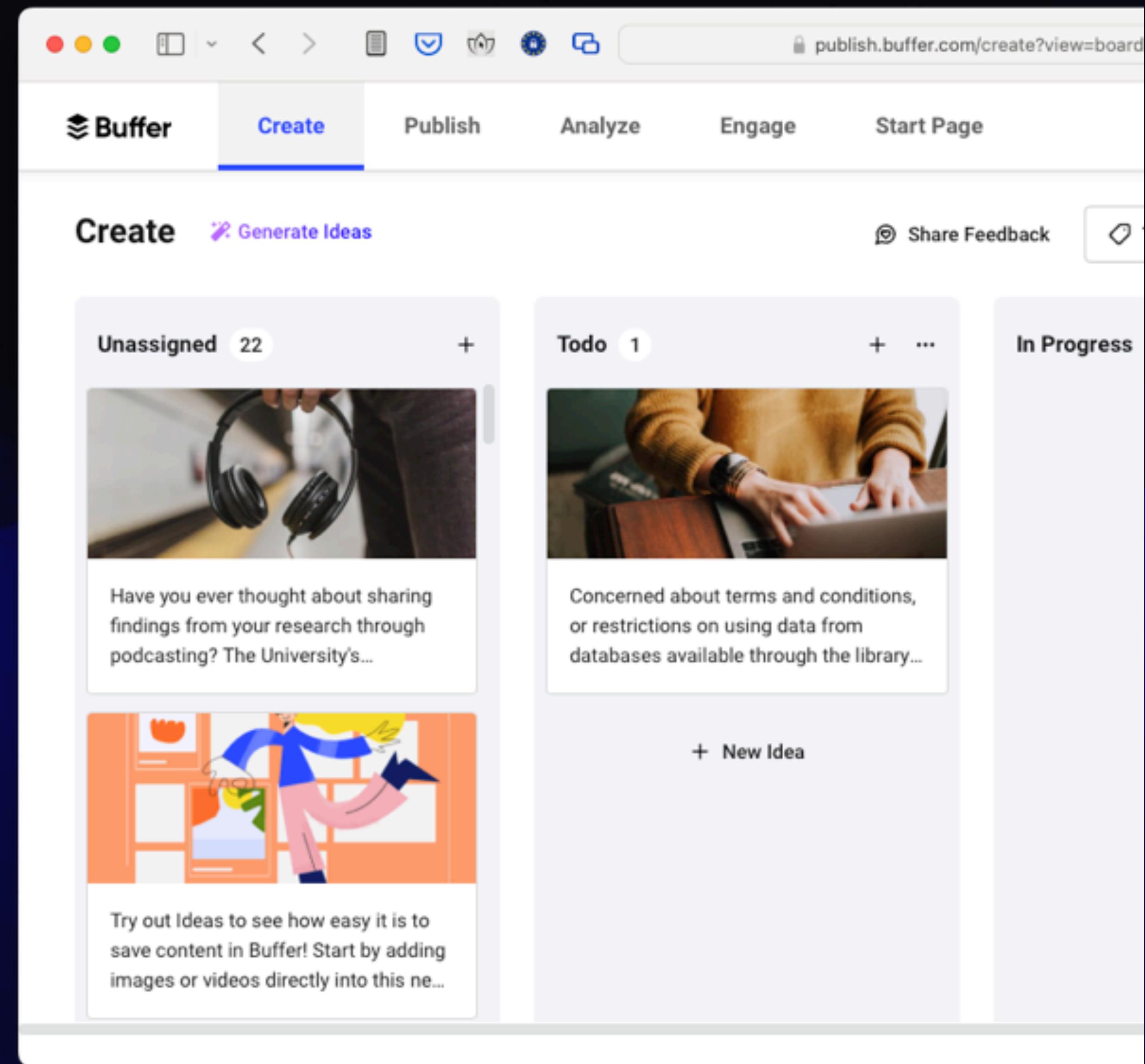
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Generative AI in Current Software

Generative AI in Current Software

Buffer

- Social media management tool:
 - Schedule posts
 - Track the performance of content
 - Manage all social media accounts in one place.
 - Inbuilt generative AI can create social media posts based on prompts.



Generative AI in Current Software

Buffer

The screenshot shows the Buffer software interface in a web browser. The top navigation bar includes 'Buffer', 'Create' (which is selected), 'Publish', 'Analyze', 'Engage', and 'Start Page'. There is also a 'Start a 14-day free trial' button and a user profile icon.

The main area is titled 'Create' and features a 'Generate Ideas' button. A modal window titled 'Let's begin with a few questions' is open, asking 'What is your business about?' and 'What is your target audience?'. The responses 'An academic Business Library' and 'MBA students' are entered. Below these fields is a large blue 'Generate Ideas' button.

To the right of the modal, there is a 'Todo' section with one item, 'Concerned about terms and conditions, or restrictions on using data from databases available through the library...', accompanied by a small image of a person at a desk. Below this is a '+ New Idea' button.

Below the Todo section are three other sections: 'In Progress' (0 items) and 'Done' (0 items), each with a '+ New Idea' button.

A small callout at the bottom left of the interface says: 'Try out Ideas to see how easy it is to save content in Buffer! Start by adding images or videos directly into this ne...'. A blue circular help icon with a question mark is located in the bottom right corner.

Generative AI in Current Software

Buffer

The screenshot shows the Buffer software interface in a web browser. The top navigation bar includes 'Buffer', 'Create' (which is selected), 'Publish', 'Analyze', 'Engage', and 'Start Page'. A 'Start a 14-day free trial' button and a user profile icon are also present. The main area is titled 'Create' with a 'Generate Ideas' button. It features three columns: 'Todo' (1 item), 'In Progress' (0 items), and 'Done' (0 items). A modal window titled 'Customize' displays the text: 'Post Idea: Highlighting the top 5 must-read books for MBA students in the academic business library.' Below this, there are 'Try Another' and 'Use it' buttons. Another smaller modal window shows an illustration of a person working at a desk and the text: 'Concerned about terms and conditions, or restrictions on using data from databases available through the library...'. At the bottom left, there's a callout: 'Try out Ideas to see how easy it is to save content in Buffer! Start by adding images or videos directly into this ne...'. A large blue question mark icon is located in the bottom right corner of the main workspace.

Generative AI in Current Software

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Generative AI in Current Software

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Customize

Post Idea: Highlighting the top 5 must-read books for MBA students in the academic business library.

Try Another Use it

Concerned about terms and conditions, or restrictions on using data from databases available through the library...

+ New Idea

Todo 1

In Progress 0

Done 0

+ New Idea

+ New Idea

?

Generative AI in Current Software

Buffer

The screenshot shows the Buffer software interface on a Mac OS X desktop. The window title is "publish.buffer.com/create?view=board". The main menu bar includes "Buffer", "Create", "Publish", "Analyze", "Engage", and "Start Page". A top right corner features a "Start a 14-day free trial" button, a help icon, a grid icon, and a user profile icon.

The "Create" tab is selected. On the left, there's a sidebar with "Create" and "Generate Ideas" buttons. Below this are two cards: one for "Unassigned" posts (22) and another for "AI Assistant" posts (0).

The central area is a "New Idea" card titled "Post idea". It contains the text: "Highlighting the top 5 must-read books for MBA students in the academic business library." Below this is a "Refine with AI" button.

Below the text input field is a dashed box with a camera icon and the text "Drag & drop or select a file".

At the bottom of the card are "Create Post" and "Save Idea" buttons, along with a question mark icon.

A dark overlay covers the rest of the screen, indicating the AI feature is active.

Generative AI in Current Software

Buffer

The screenshot shows the Buffer software interface for creating content. In the center, there's a text input field containing the following text:

Highlighting the top 5 must-read books for MBA students in the academic business library.

To the right of this text, an AI Assistant panel is open, displaying expanded versions of the text. The first expansion reads:

Highlighting the top 5 must-read books for MBA students in the academic business library is crucial for their academic success and professional development. These curated books offer invaluable insights into various aspects of business management, strategy, finance, marketing, and leadership.

The second expansion continues the thought, mentioning "One highly recommended book is 'The Lean Startup' by Eric Ries, which revolutionized the way startups are built."

At the bottom of the AI Assistant panel, there are three buttons: a blue "Insert" button, a "Retry" button, and a "Create Post" button.

Generative AI in Current Software

Lumen5

- An AI-driven video creation tool:
 - Transforms written content into engaging video content
 - Takes blog posts and uses AI to generate video based on the content
 - Also offers AI Talking Head videos

The screenshot shows a web browser window with the Lumen5 logo at the top left. The URL bar shows 'lumen5.com/blog-to-video'. The main content area features a heading 'Lumen's AI Script Composer works like magic' followed by a subtext: 'Do more with less. Connect with your audience on a deeper level with effortless text-to-video.' Below this is a purple button labeled 'Try Lumen's AI Script Composer'. To the right, there is a collage of video frames demonstrating the AI's capabilities, including a recycling statistic ('68% of total waste diverted to recycling'), a woman speaking, and a landscape scene. At the bottom right, a call-to-action button says 'Unlock the power of AI for video creation'.

Lumen's AI Script Composer works like magic

Do more with less. Connect with your audience on a deeper level with effortless text-to-video.

Try Lumen's AI Script Composer

Unlock the power of AI for video creation

Generative AI in Current Software

Lumen5

The screenshot displays the Lumen5 dashboard interface. On the left, a sidebar menu includes options like 'All videos' (selected), 'Instant videos', 'Brand kits', 'Saved templates', 'Analytics', 'Trash', 'Projects', and a '+ Add' button. The main area is titled 'All videos' and features a large blue button with a white plus sign and the text 'New video'. Below this are several generated video thumbnails:

- A thumbnail for a video titled 'Christmas Vacation Opening Times 2023' featuring a row of colorful Christmas ornaments.
- A thumbnail for a video titled 'Christmas 2023' showing a dark background with a small preview of a Christmas scene.
- A thumbnail for a video titled 'AI Book Display' featuring a yellow and blue design with the text 'Welcome to the World of AI' and a circuit board graphic.
- A thumbnail for a video titled 'Library System Upgrade What You Need to Know' showing a building with a dome.
- A thumbnail for a video titled 'Gartner Research Unlocking IT Industry Secrets' showing a dark, abstract background.
- A thumbnail for a video titled 'Christmas Vacation Opening Times 2022' featuring a green and red decorative border.

The top navigation bar shows the URL 'lumen5.com/dashboard/' and includes standard browser controls like back, forward, and search. A search bar with the placeholder 'Search your videos' is also present.

Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 software interface for creating video flows. At the top, there's a navigation bar with icons for file operations and a search bar containing the URL "lumen5.com/app/#new-create-video-flow-page". Below the bar, the Lumen5 logo and an "Upgrade" button are visible. On the left, a sidebar lists "Recent templates" and categories: "Rectangular", "Lines", "Rounded", "Gradients", "Organic", "Angular", and "Assorted". The main area features a large title "Choose a template" and a subtitle "Curated and ready to use colors, fonts, and styles." A "skip" link is located in the top right corner of this section. Below this, a heading "RECENTLY USED" is followed by two template cards. The first card, titled "Holiday", shows a dark blue template with green leaf borders and the text "Wishing you HAPPY HOLIDAYS". The second card, titled "Tracer", shows a yellow template featuring a collage of people looking at phones and the text "8 Signs You Might Need a Digital Detox". Both cards have a small "archived" label in the top right corner.

Generative AI in Current Software

Lumen5

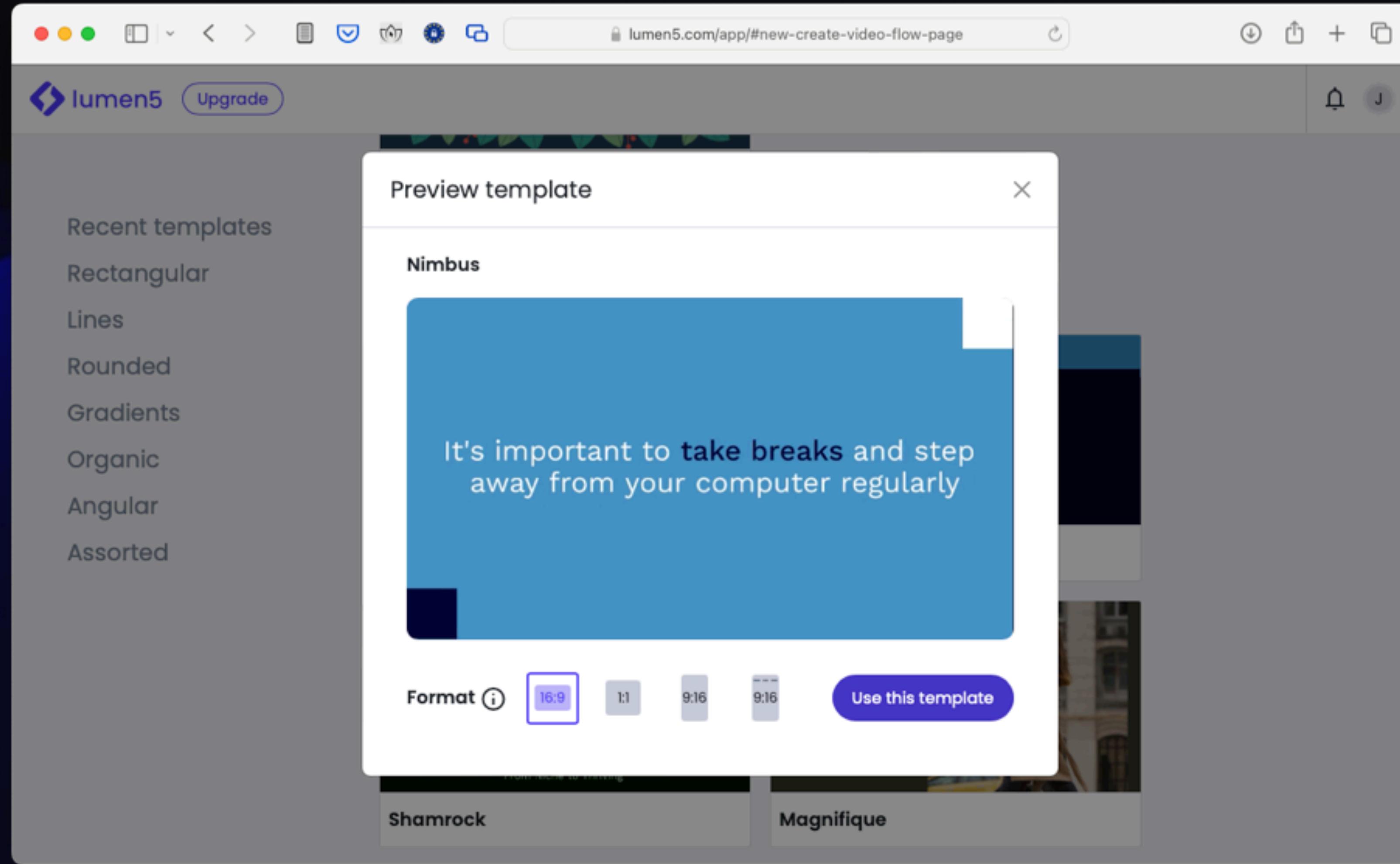
The screenshot shows the Lumen5 software interface. On the left, a sidebar lists template categories: Recent templates, Rectangular, Lines, Rounded, Gradients, Organic, Angular, and Assorted. The main area displays four rectangular video templates under the heading "RECTANGULAR".

- Origin**: A template titled "Building Your Professional Tribe Online" with a subtitle "A Step-by-Step Guide". It features a photo of a person at a desk.
- Nimbus**: A template titled "Thrive in a Remote Work Environment" with a subtitle "Tips and Tricks for Success". It has a dark blue background.
- Shamrock**: A template titled "Emerging Market Investments" with a subtitle "From Niche to Thriving". It features a green graphic element.
- Magnifique**: A template titled "SUSTAINABLE FASHION MATTERS" with a subtitle "MANSON GLOBAL". It features a photo of a woman walking.

A "Show all" button is located at the bottom center of the template grid.

Generative AI in Current Software

Lumen5



Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 application window. At the top, there's a toolbar with standard Mac OS X icons (red, yellow, green buttons, back, forward, etc.) and a URL bar displaying `lumen5.com/app/?id=10965206#creator`. Below the toolbar is the Lumen5 logo. The main area is titled "Choose how to get started" and contains four options:

- Text on media**: Convert a blog post, document, or idea to video.
- AI Voiceover Beta**: Convert a blog post, document, or idea to an AI voiceover video.
- Voiceover**: Upload or record your own voiceover and convert to video.
- Talking head**: Upload or record your own talking head clip.

At the bottom of the screen, there's a link "+ Or start from scratch" and a note: "Wondering which type of video to create? [Watch our example videos](#)".

Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 software interface for creating video scripts. At the top, there's a toolbar with standard browser controls (back, forward, search, etc.) and a URL bar showing the address. Below the toolbar, the Lumen5 logo is on the left, followed by navigation links like 'Back', 'Add content' (which is underlined), 'Compose script with AI', 'Edit script', and 'Feedback'. The main content area has a title 'Add content for your script' and a subtitle 'This content will be used for your video script.' Below this, there are four buttons: 'Outline an idea', 'Paste text', 'Import a URL' (which is highlighted with a blue border), and 'Upload a document'. A text input field contains the placeholder 'Paste your URL to an article or blog here' with a small icon of a URL. To the right of the input field is a blue 'Import' button. Below the input field, there's a small illustration of a person standing next to a large document. Underneath the illustration, the text 'Your URL content will show up here' is displayed. At the bottom of the screen, there are two buttons: 'Skip and use all content as is' and a purple 'Compose script' button with a starburst icon.

Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 software interface. At the top, there's a toolbar with standard Mac OS X icons (red, yellow, green circles, back, forward, etc.). The address bar displays the URL lumen5.com/app/?id=10965206#creator. Below the toolbar, the Lumen5 logo is on the left, followed by a 'Back' button. In the center, there are three main buttons: '+ Add content' (underlined), 'Compose script with AI', and 'Edit script'. To the right of these is a 'Feedback' button.

The main content area has a white background with a light gray horizontal line at the top. The title 'Add content for your script' is centered in bold black font. Below it, a sub-instruction 'This content will be used for your video script.' is in smaller gray font. There are four buttons in a row: 'Outline an idea', 'Paste text', 'Import a URL' (which is highlighted with a blue border), and 'Upload a document'. Below these buttons is a text input field containing a URL: <https://blogs.bodleian.ox.ac.uk/sainsbury/2023/03/30/gartner/>. To the right of the input field is a blue 'Import' button. Underneath the input field is a small illustration of a person standing next to a large document icon.

Below the URL input, the text 'Your URL content will show up here' is displayed in a light gray font. At the bottom of the screen, there are two buttons: 'Skip and use all content as is' (grayed out) and 'Compose script' (blue button with white text).

Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 software interface. At the top, there's a toolbar with standard Mac OS X icons (red, yellow, green circles, back, forward, etc.). The address bar displays the URL lumen5.com/app/?id=10965206#creator. Below the toolbar, the Lumen5 logo is on the left, followed by a 'Back' button, an 'Add content' button (which is underlined), a 'Compose script with AI' button, an 'Edit script' button, and a 'Feedback' button.

The main area is titled 'Add content for your script' with the subtitle 'This content will be used for your video script.' Below this, there are four buttons: 'Outline an idea', 'Paste text', 'Import a URL' (which is highlighted in blue), and 'Upload a document'. A URL input field contains <https://blogs.bodleian.ox.ac.uk/sainsbury/2023/03/30/gartner/>, and an 'Import' button is next to it. Below the input field is a dashed box placeholder with a '+ Upload images' button and a note: 'These images will be included in your video and can also be found in your uploads.'

At the bottom of the main content area, there's a section titled 'Gartner Campus Access' with the text: 'The University now provides full access to the Gartner research library. (log in with ...)' Below this, there are two buttons: 'Skip and use all content as is' and a purple 'Compose script' button with a star icon.

Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 software interface. At the top, there's a toolbar with standard Mac OS X icons (red, yellow, green circles, back, forward, etc.). The address bar displays the URL lumen5.com/app/?id=10965206#creator. Below the toolbar, the Lumen5 logo is on the left, followed by a 'Back' button, an 'Add content' button (which is highlighted in blue), a 'Compose script with AI' button, an 'Edit script' button, and a 'Feedback' button.

The main area is titled 'Add content for your script' and contains the sub-instruction 'This content will be used for your video script.' Below this, there are four buttons: 'Outline an idea', 'Paste text', 'Import a URL' (which is currently selected and highlighted in blue), and 'Upload a document'. A URL input field contains <https://blogs.bodleian.ox.ac.uk/sainsbury/2023/03/30/gartner/>, and an 'Import' button is next to it.

A large text box displays the following content:

industry and its research library helps translate complex IT issues into comprehensive advice and meaningful analysis.

The Gartner research library provides access to current research, analytics and insights that are accurate, impartial, and consistent.

The benefits of Gartner include the combined expertise of 2,300 research analysts and consultants who advise executives in 130 countries every day.

They publish tens of thousands of pages of original research annually and answer 340,000 client questions every year.

See the LibGuide for more information.

At the bottom of the screen, there are two buttons: 'Skip and use all content as is' and a prominent purple 'Compose script' button.

Generative AI in Current Software

Lumen5

The screenshot shows the Lumen5 AI Script Composer interface. On the left, the "AI Script Composer Settings" sidebar includes fields for "Video title" (Gartner Campus Access), "Target duration" (about 40s), "Tone" (Match my content), and "Script instructions" (e.g., "Ensure the script portrays our dedication to exceptional service and innovation within our industry"). A large blue "Recompose script" button is at the bottom. The main content area displays a script titled "Gartner Campus Access" with sections for "TITLE", "INTRODUCTION", "BENEFITS OF GARTNER", "HOW TO ACCESS", and a summary. The introduction states: "The University now provides full access to the Gartner research library. Log in with your Oxford SSO." The benefits section lists: "Gartner is the global leader in IT research.", "It translates complex IT issues into comprehensive advice.", "The library offers accurate, impartial, and consistent insights.", "Gartner's expertise includes 2,300 analysts and consultants.", and "They advise executives in 130 countries daily.". The access section says: "Access the Gartner research library for current research and analytics. Log in with your Oxford SSO." At the bottom, it shows a duration of "about 46s" and a "Continue" button.

lumen5.com/app/?id=10965206#creator

lumen5

Back

Add content

Compose script with AI

Edit script

Feedback

AI Script Composer Settings

Video title

Gartner Campus Access

Target duration

about 40s

Tone

Match my content

Script instructions

e.g. "Ensure the script portrays our dedication to exceptional service and innovation within our industry"

Recompose script

Script spin-offs

TITLE

Gartner Campus Access

INTRODUCTION

The University now provides full access to the Gartner research library.
Log in with your Oxford SSO.

BENEFITS OF GARTNER

Gartner is the global leader in IT research.
It translates complex IT issues into comprehensive advice.
The library offers accurate, impartial, and consistent insights.
Gartner's expertise includes 2,300 analysts and consultants.
They advise executives in 130 countries daily.

HOW TO ACCESS

Access the Gartner research library for current research and analytics.
Log in with your Oxford SSO.

about 46s

Continue

Generative AI in Current Software

Lumen5

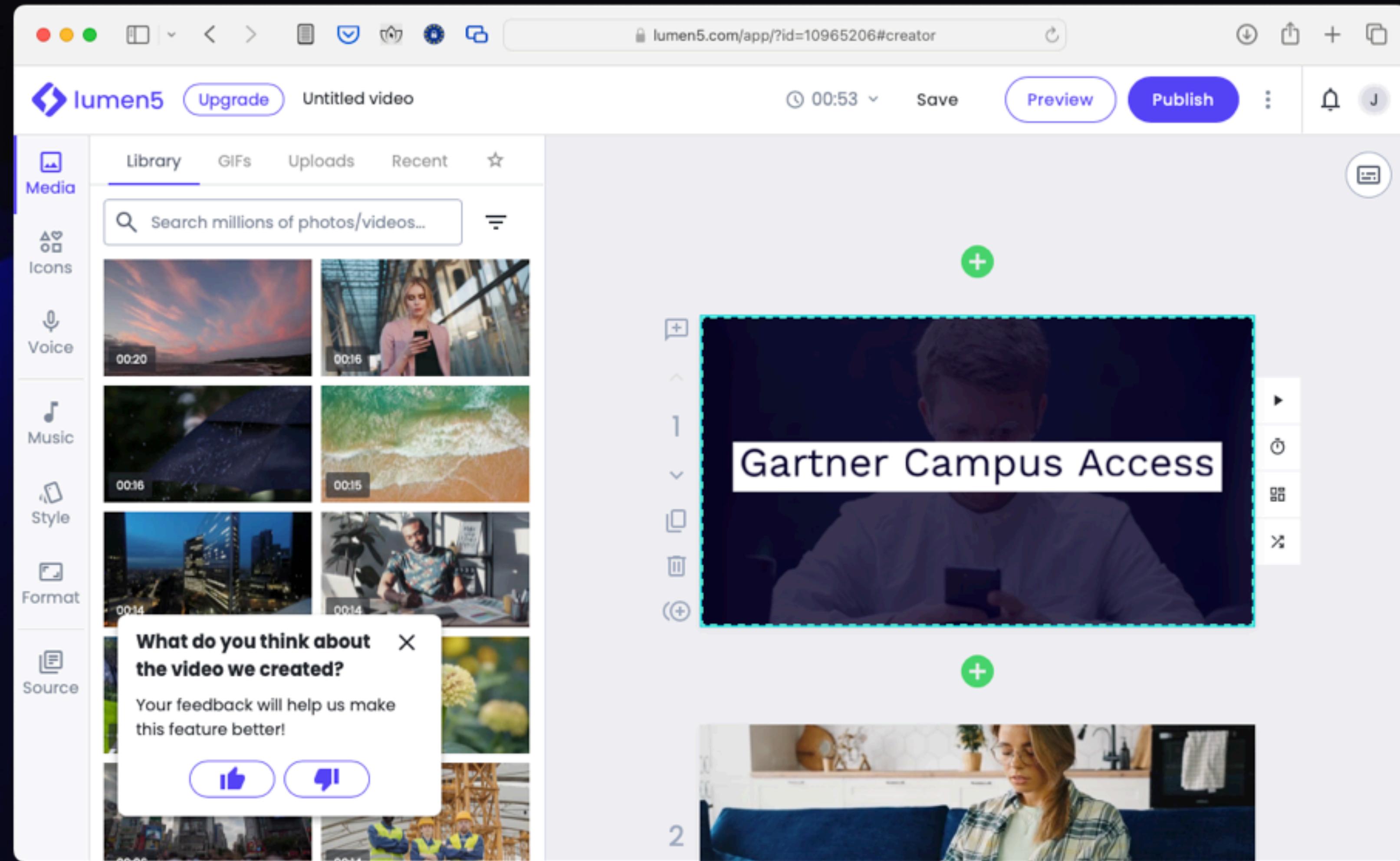
The screenshot shows the Lumen5 software interface. At the top, there's a toolbar with standard Mac OS X icons (red, yellow, green circles, back, forward, etc.) and a search bar containing the URL lumen5.com/app/?id=10965206#creator. Below the toolbar, the Lumen5 logo is on the left, followed by a 'Back' button. In the center, there are three main buttons: '+ Add content', 'Compose script with AI', and 'Edit script'. To the right of these is a 'Feedback' button. The main content area displays a list of nine text blocks, each with a three-dot menu icon on the right. The text blocks are:

- Gartner Campus Access
- The University now provides full access to the Gartner research library.
- Log in with your Oxford SSO.
- Gartner is the global leader in IT research.
- It translates complex IT issues into comprehensive advice.
- The library offers accurate, impartial, and consistent insights.
- Gartner's expertise includes 2,300 analysts and consultants.
- They advise executives in 130 countries daily.
- Access the Gartner research library for current research and analytics.

At the bottom right of the content area is a purple 'Convert to video' button with a camera icon.

Generative AI in Current Software

Lumen5



Generative AI in Current Software

Lumen5

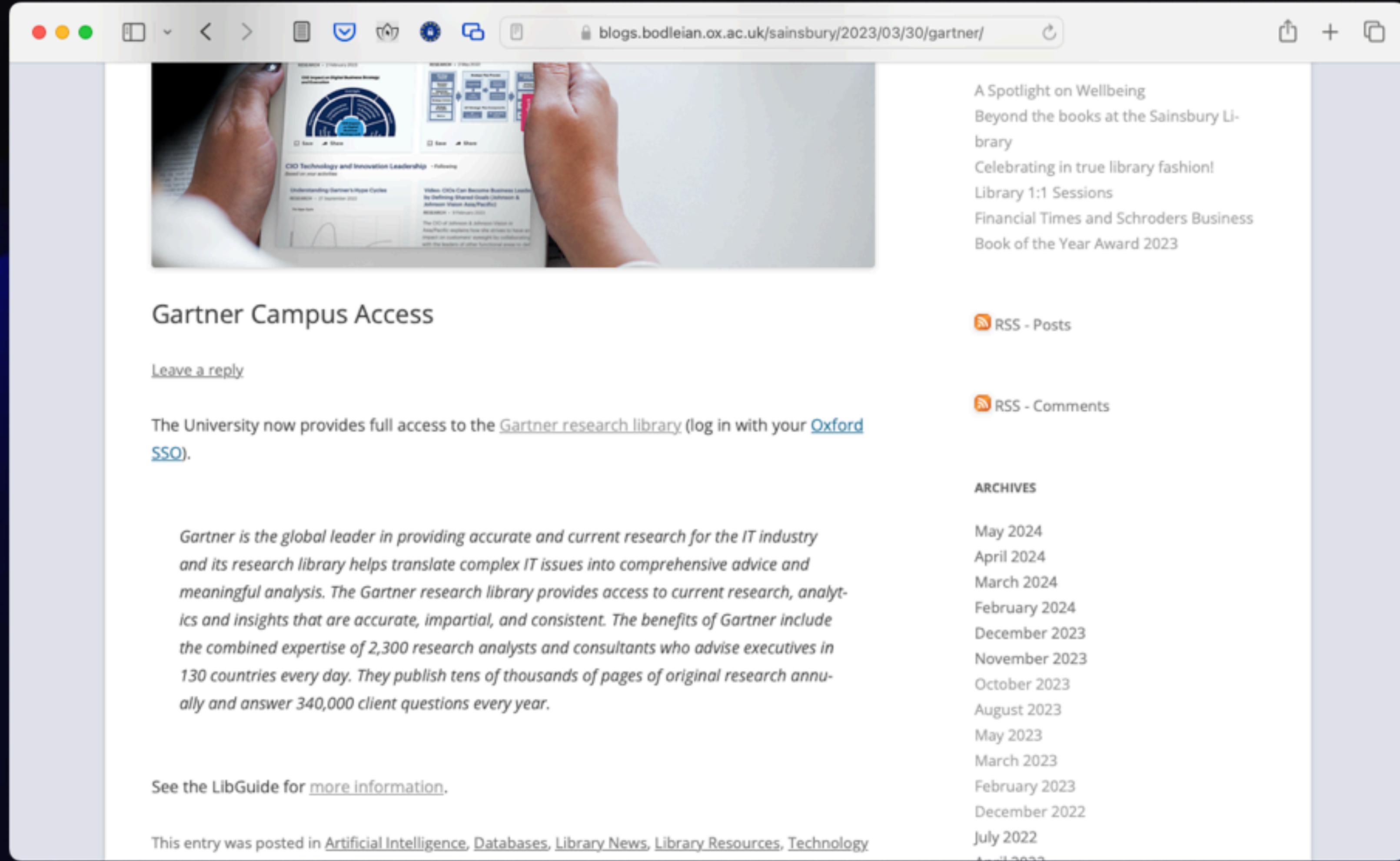
The screenshot displays the Lumen5 video editor interface. At the top, the URL lumen5.com/app/?id=8066455#creator is visible in the browser's address bar, along with various system icons. The main header includes the Lumen5 logo, an "Upgrade" button, and the project name "Gartner". The top right features a timer at "01:02", a "Save" button, and three prominent buttons: "Preview" (outline), "Publish" (blue), and a three-dot menu. A notification bell icon is also present.

The left sidebar, titled "Media", contains several sections: "Library" (selected), "GIFs", "Uploads", and "Recent". Below these are search and filter tools, followed by a grid of thumbnail previews for various media assets. The "Library" section shows a mix of video clips (e.g., "00:20", "00:16") and images (e.g., a landscape, a person on a phone). Other sections include "Icons", "Voice", "Music", "Style", "Format", and "Source".

The main workspace shows a video timeline with two clips. The first clip, labeled "4", is a video of a man in a blue shirt sitting at a desk, viewed from behind, looking at a laptop screen displaying a dashboard. The text overlay reads: "Access the **Gartner research library** with your Oxford SSO.". The second clip, labeled "5", is a night-time cityscape with skyscrapers, overlaid with the text: "Get accurate and current research for the **IT industry**". Both clips have small circular controls (plus, minus, arrows) to the left of their thumbnails. The overall interface is clean and modern, designed for easy video creation and management.

Generative AI in Current Software

Lumen5



The University now provides full access to the [Gartner research library](#) (log in with your [Oxford SSO](#)).

Gartner is the global leader in providing accurate and current research for the IT industry and its research library helps translate complex IT issues into comprehensive advice and meaningful analysis. The Gartner research library provides access to current research, analytics and insights that are accurate, impartial, and consistent. The benefits of Gartner include the combined expertise of 2,300 research analysts and consultants who advise executives in 130 countries every day. They publish tens of thousands of pages of original research annually and answer 340,000 client questions every year.

See the LibGuide for [more information](#).

This entry was posted in [Artificial Intelligence](#), [Databases](#), [Library News](#), [Library Resources](#), [Technology](#)

A Spotlight on Wellbeing
Beyond the books at the Sainsbury Library
Celebrating in true library fashion!
Library 1:1 Sessions
Financial Times and Schroders Business Book of the Year Award 2023

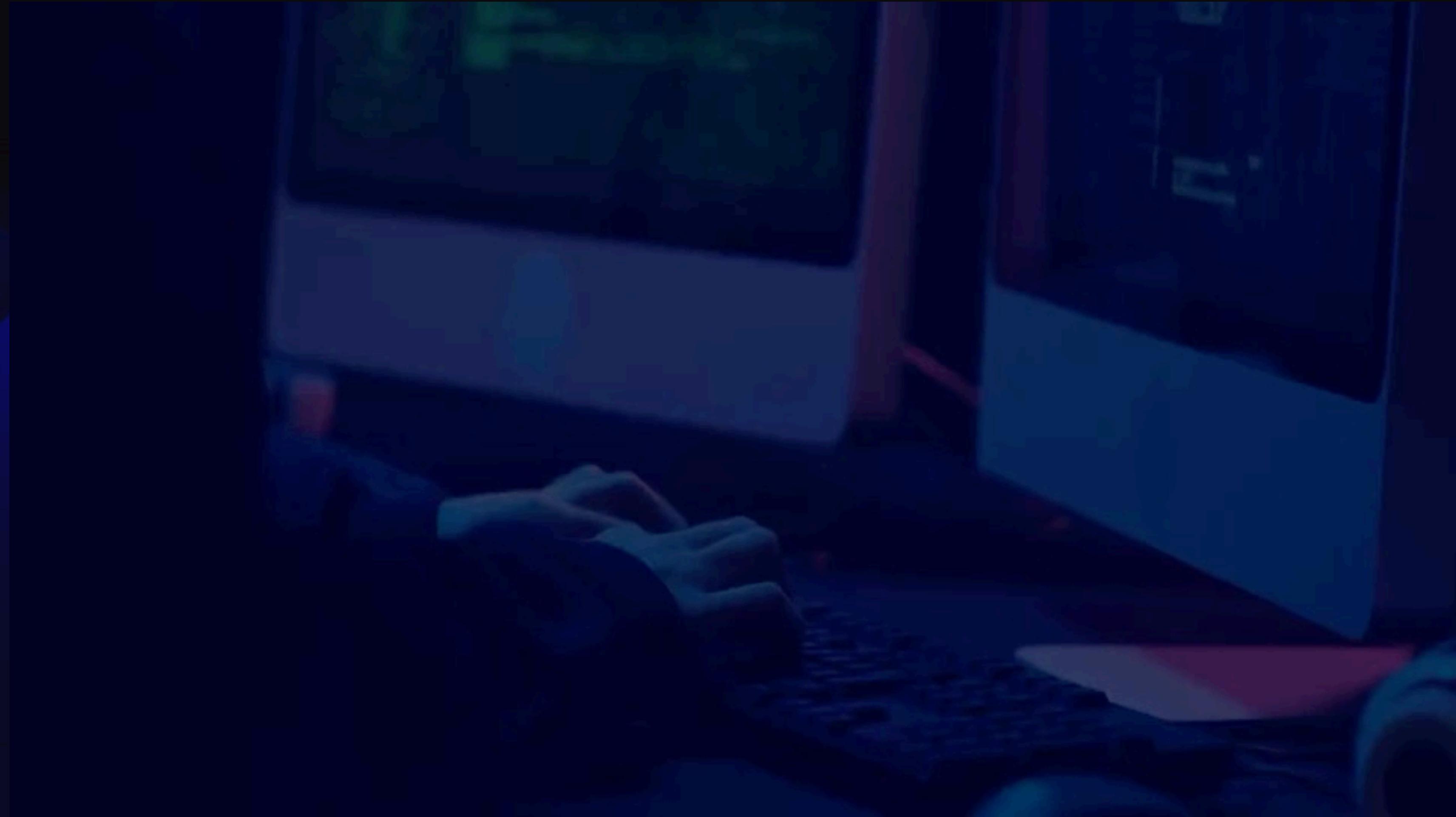
[RSS - Posts](#)
[RSS - Comments](#)

ARCHIVES

May 2024
April 2024
March 2024
February 2024
December 2023
November 2023
October 2023
August 2023
May 2023
March 2023
February 2023
December 2022
July 2022
April 2022

Generative AI in Current Software

Lumen5



Generative AI in Current Software

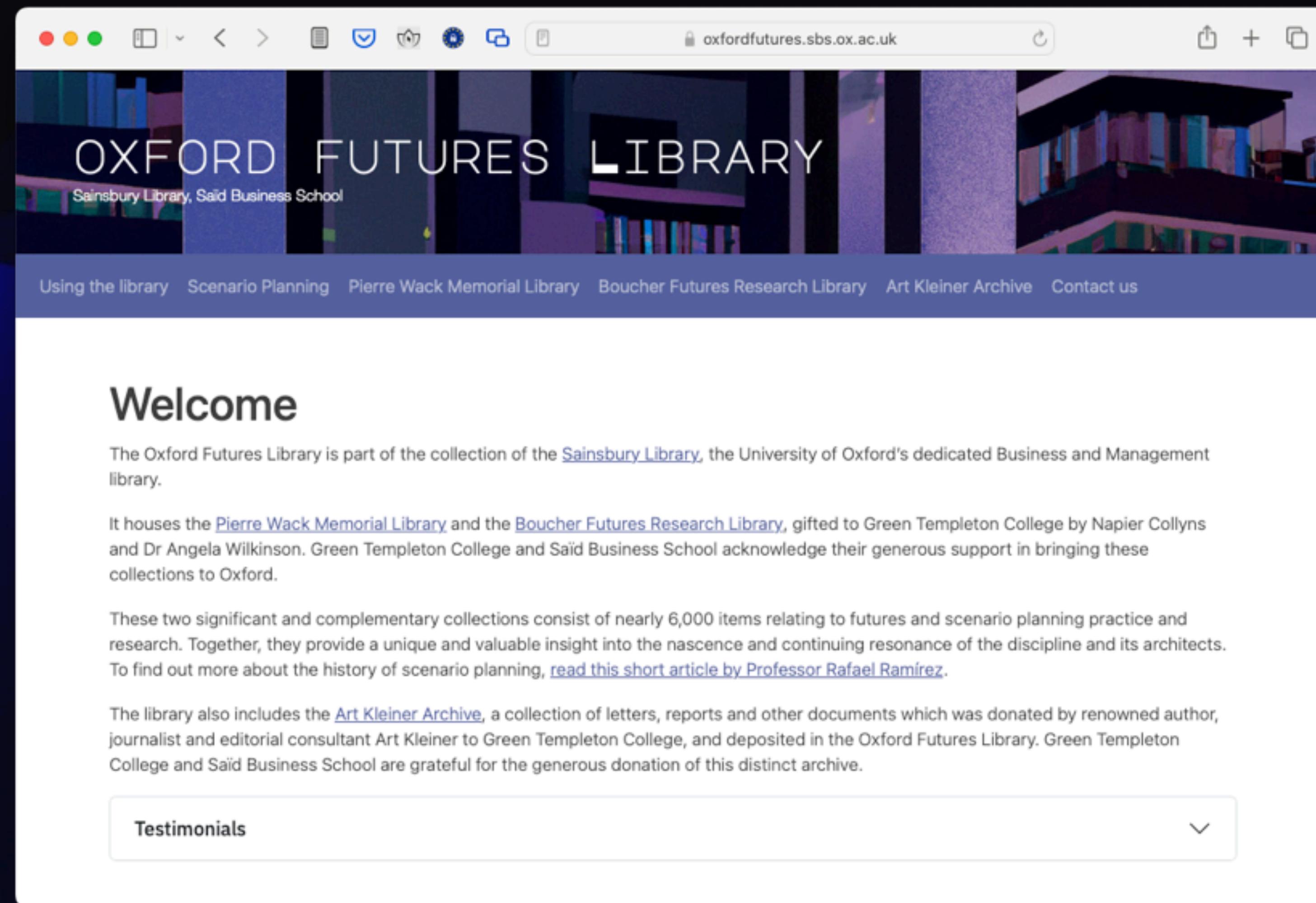
Adobe Creative Cloud (Photoshop)

- An AI photo editing tool:
 - Powered by the Adobe Firefly Image Model
 - Generative Fill
 - Generative Expand



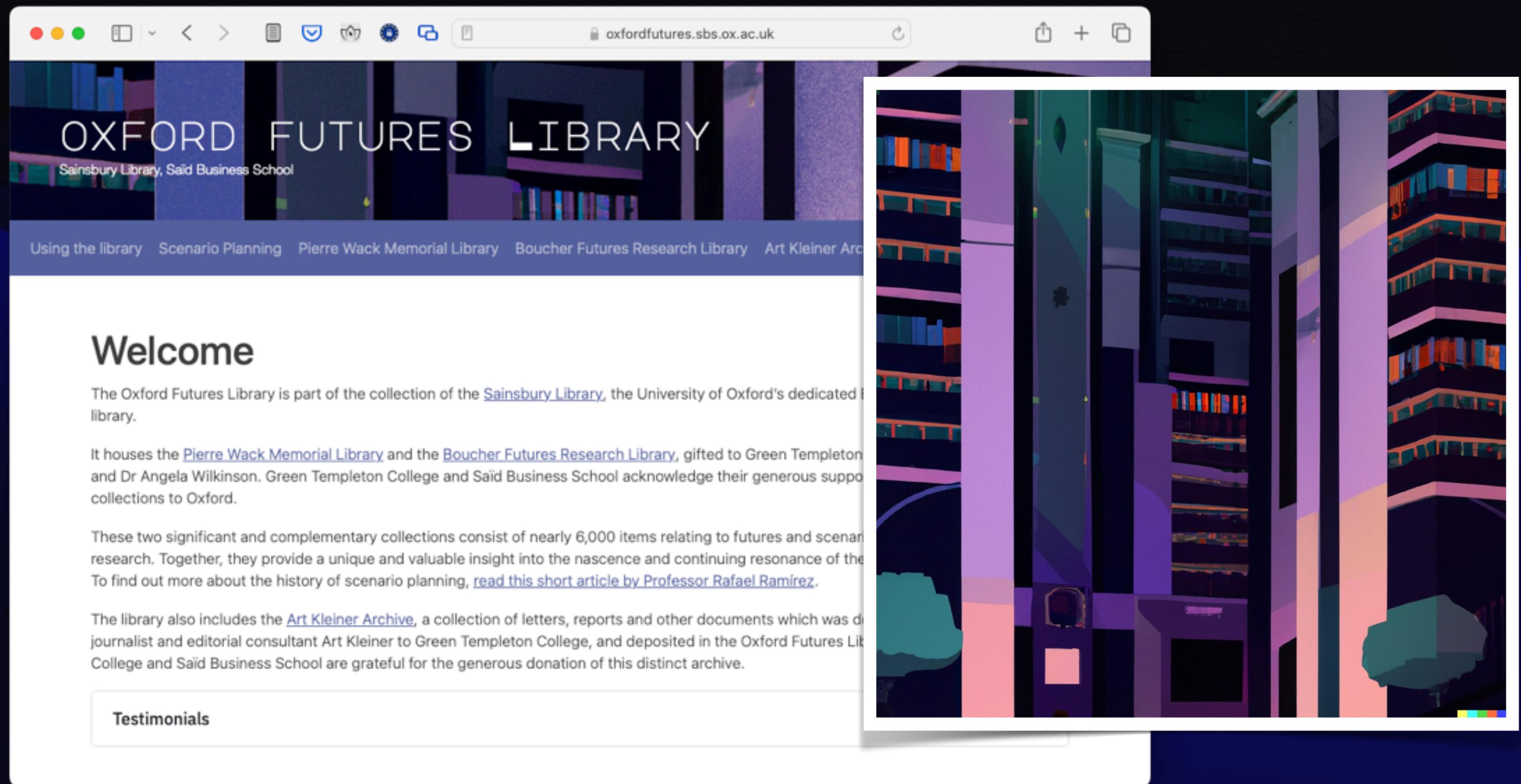
Generative AI in Current Software

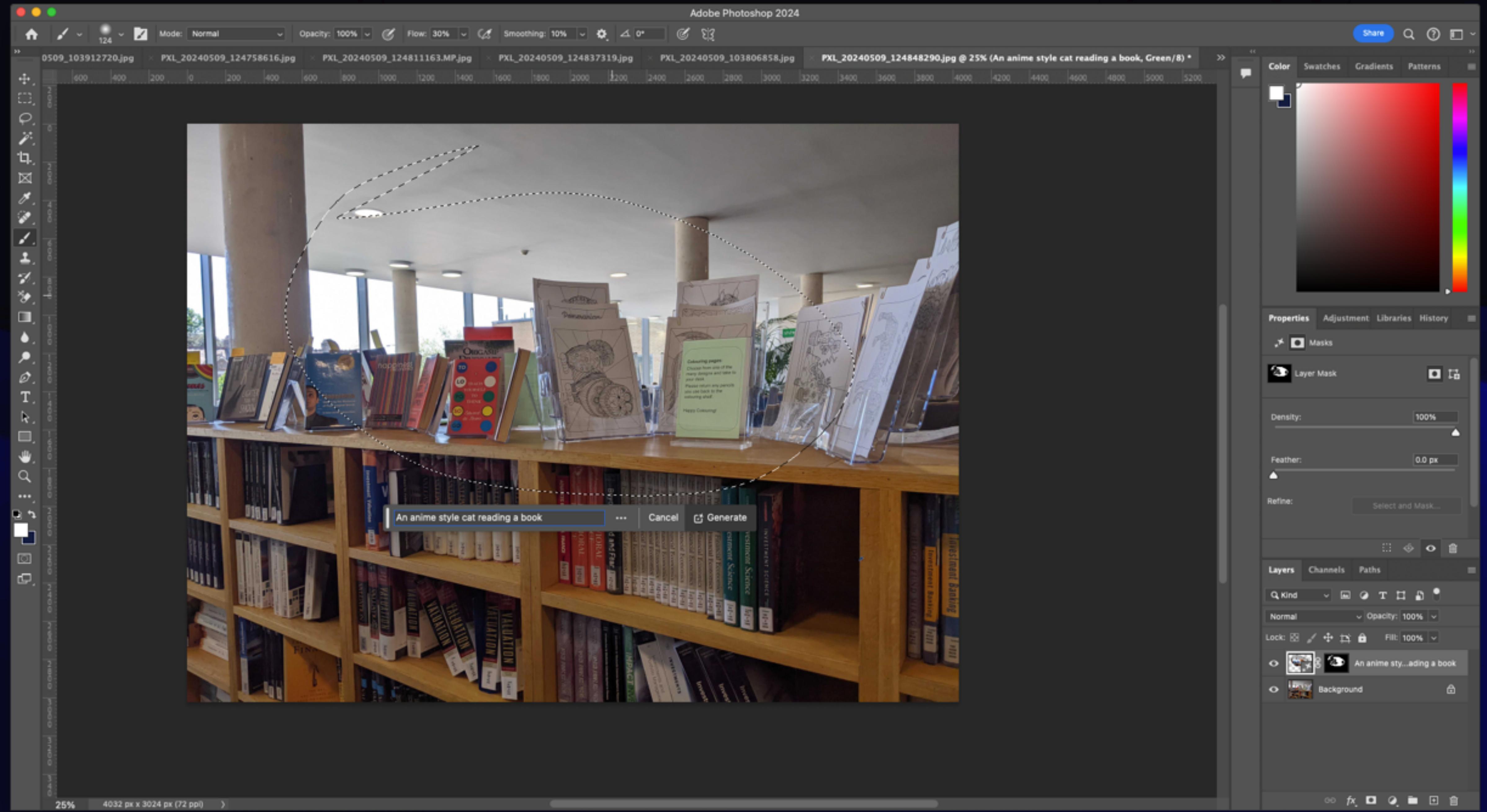
Adobe Creative Cloud (Photoshop)

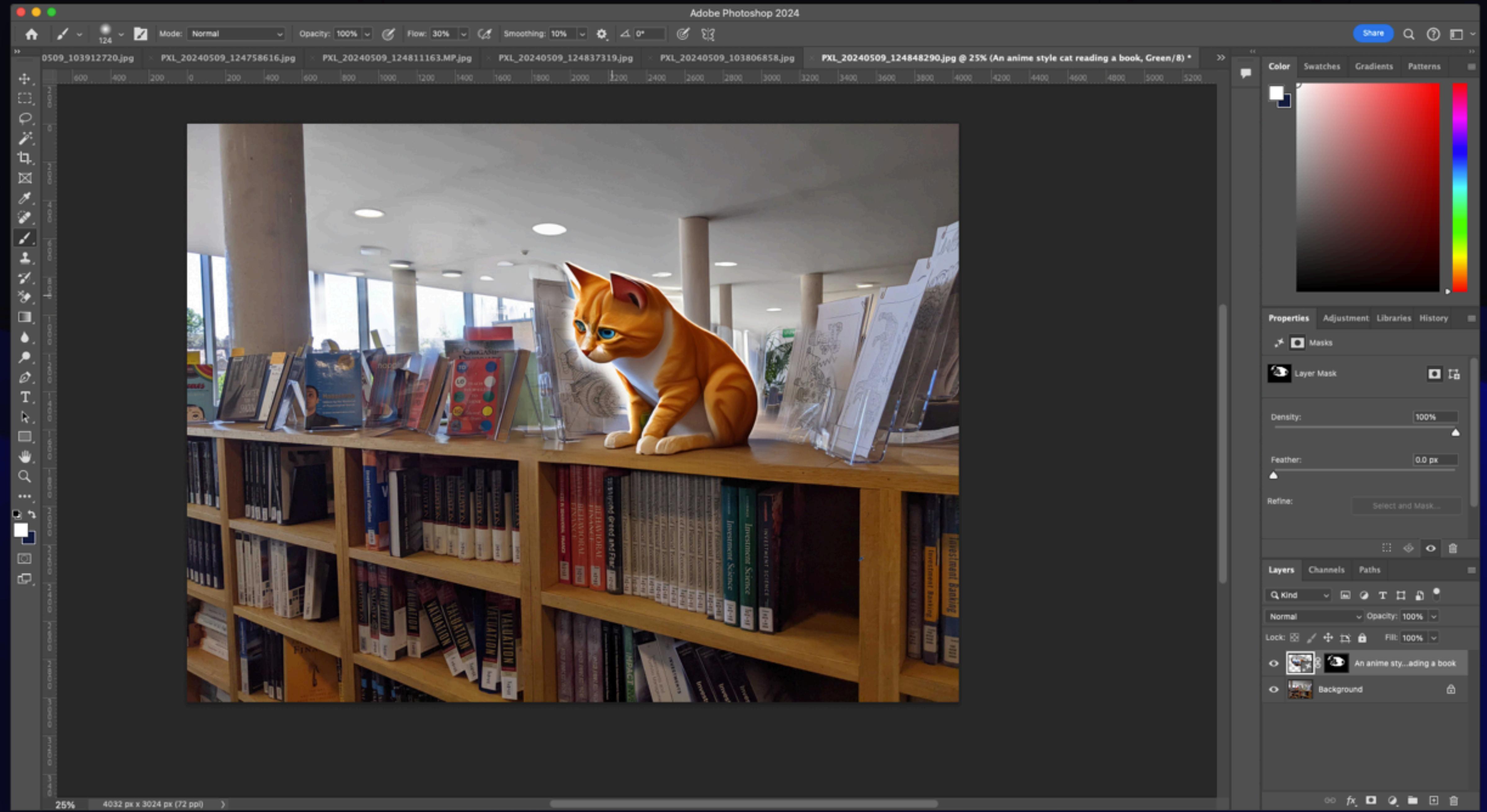


Generative AI in Current Software

Adobe Creative Cloud (Photoshop)







Generative AI in Current Software

Adobe Creative Cloud (Photoshop)



Generative AI in Current Software

Adobe Creative Cloud (Photoshop)



Adobe Photoshop 2024

66.67% 1920 px x 1080 px (300 ppcm) >

The image is a composite of several elements. On the left, there's a portrait of a man with glasses and a beard, looking thoughtful with his hand to his chin. Overlaid on the left side are three text boxes: a black one at the top with "Terms and conditions?", a yellow one below it with "Restrictions?", and a black one at the bottom with "USING DATA?". A large white QR code is positioned at the bottom left. In the top right corner, there are two logos: "UNIVERSITY OF OXFORD" and "Said Business School". The background is a dark purple gradient.

Terms and conditions?

Restrictions?

USING DATA?

?

UNIVERSITY OF OXFORD

Said Business School

Usability testing

Concerned about terms and conditions, or restrictions on using our databases? Help us design how to best support your needs!

<https://bit.ly/4d9ZLfo>

Properties Adjustment Libraries History

usability-test.psd

Open

Layers Channels Paths

Q Kind Pass Through Opacity: 100%

Lock: Fill: 100%

Text Effects Color Overlay

T Heading

T Main text

T https://bit.ly/4d9ZLfo

Logo

Layer 4

Screenshot 2024-06-19 at 09.57.29.png Screenshot 2024-06-19 at 10.01.54.png d4f2a88b-5f74-4c49-9ad4-cd4f7a978369.png usability-test.psd @ 66.7% (Text, RGB...) usability-test.png @ 66.7% (Layer 1, RGB/8#) >

Adobe Photoshop 2024

Color Swatches Gradients Patterns

Properties Adjustment Libraries History

usability-test.png

Open

New Guide

Layers Channels Paths

Kind Normal Opacity: 100%

Lock: Fill: 100%

Layer 1

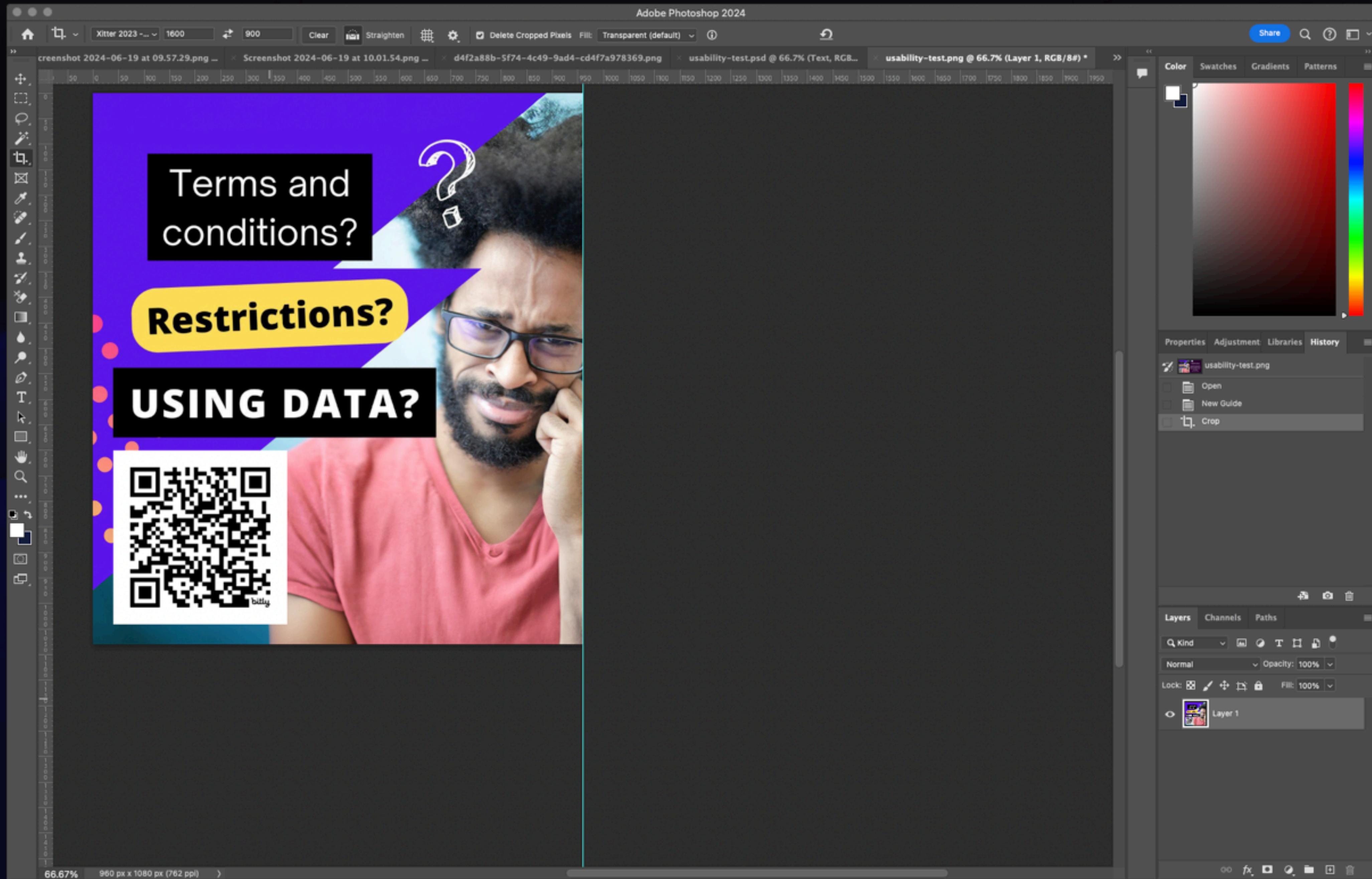
66.67% 1920 px x 1080 px (762 ppi)

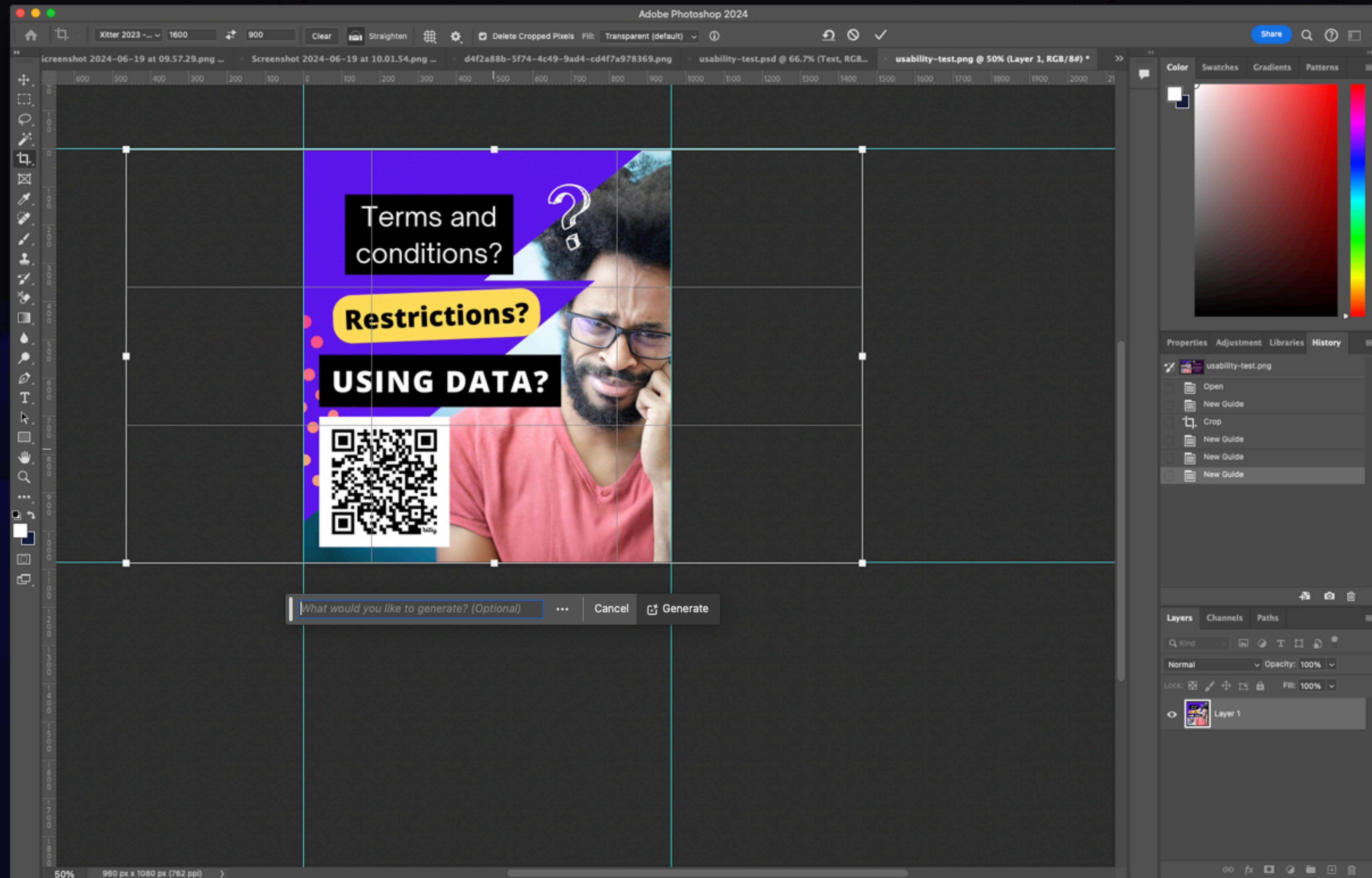
The image is a composite of two panels. On the left, a man with glasses and a beard is shown from the chest up, resting his chin on his hand and looking thoughtful. Overlaid on this image are several text elements and graphics: a black rectangular box containing the text "Terms and conditions?", a yellow speech bubble containing "Restrictions?", and another black rectangular box containing "USING DATA?". To the right of the man is a QR code. In the top right corner of the composite area, there is a small inset showing the University of Oxford logo and the Said Business School logo. The background of the main panel is dark.

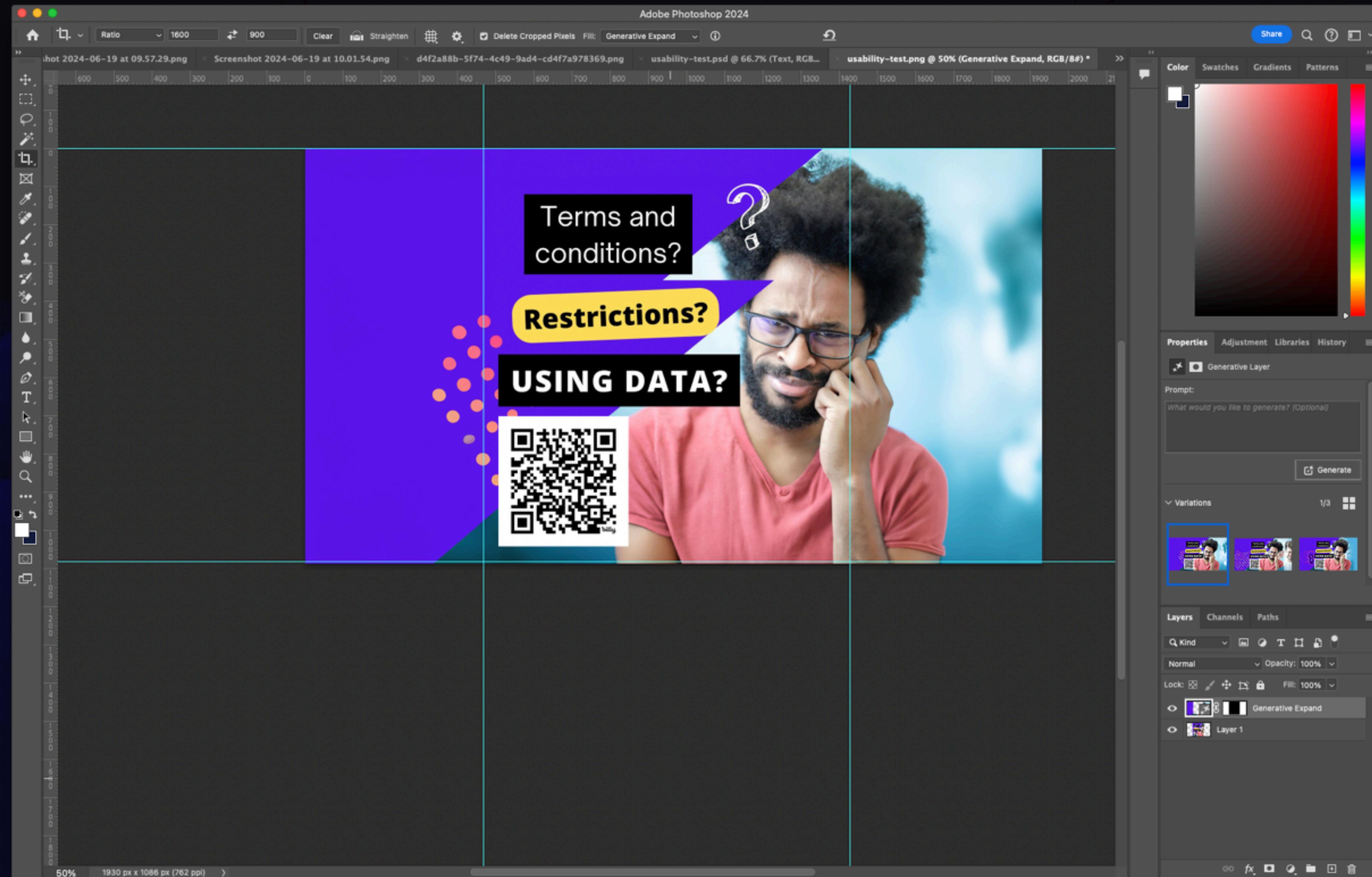
Usability testing

Concerned about terms and conditions, or restrictions on using our databases? Help us design how to best support your needs!

<https://bit.ly/4d9ZLfo>



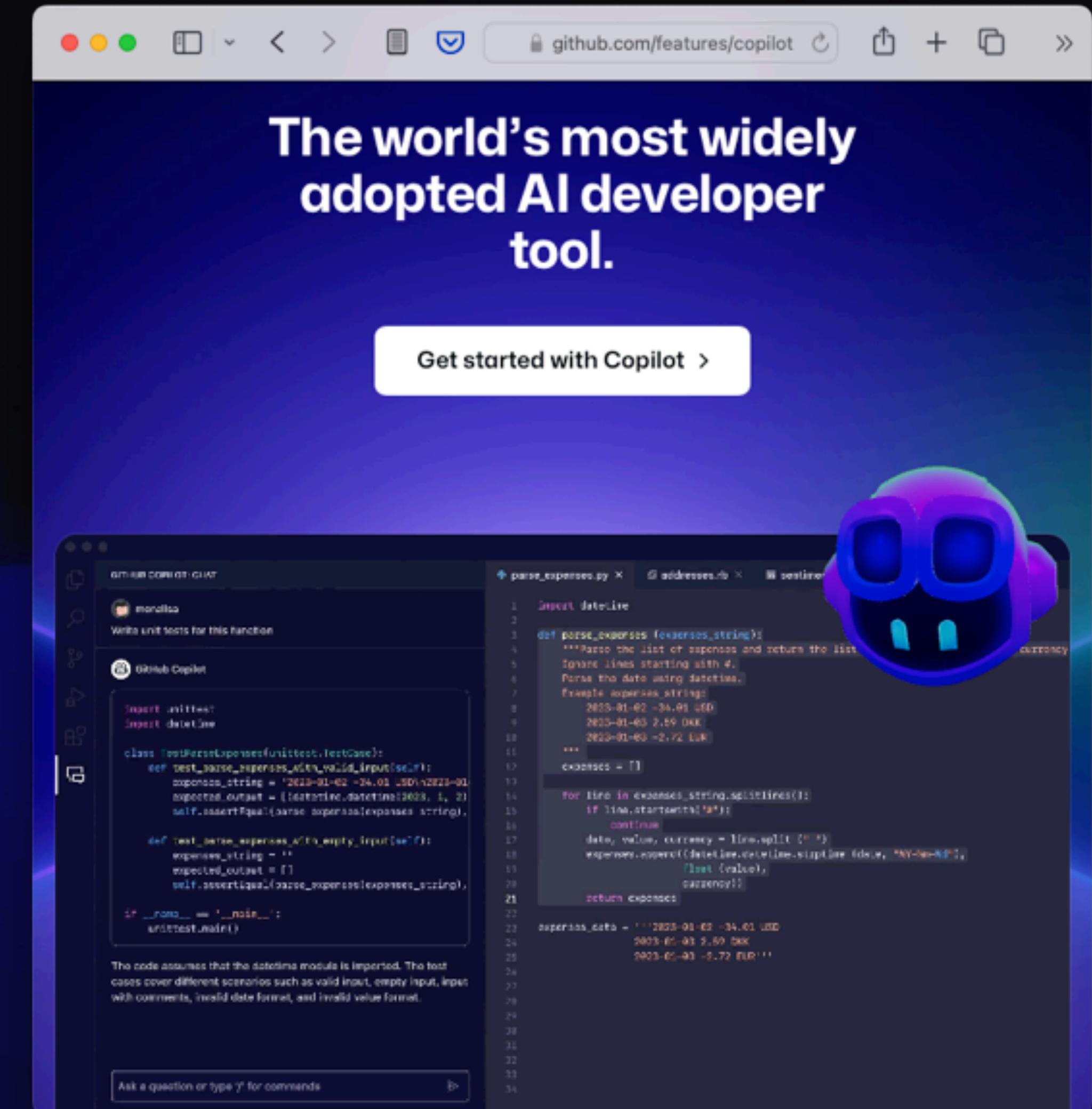




Generative AI in Current Software

GitHub Copilot

- AI coding assistant
 - Available within Microsoft Visual Studio Code
 - Developed by GitHub + OpenAI
 - Code Suggestions
 - Learns from Context



A screenshot of the Visual Studio Code (VS Code) interface. The window title is "barcode-printing".

EXPLORER (Left Sidebar):

- BARCODE-PRINTING
 - .venv
 - labels
 - labels-archive
 - barcode-png-test.py
 - barcode-test-font.svg
 - barcode-test.png
 - barcode-test.py
 - barcode-test.svg
 - d-tech-kiosk.py
 - it-loans.py
 - macbook-barcodes.py
- requirements.txt

TERMINAL (Bottom Center):

```
(.venv) jpilbeam@SBS-PM701296LB-8163 barcode-printing % pip freeze > requirements.txt
(.venv) jpilbeam@SBS-PM701296LB-8163 barcode-printing % cat requirements.txt
python-barcode==0.14.0
(.venv) jpilbeam@SBS-PM701296LB-8163 barcode-printing %
```

STATUS BAR (Bottom):

Ln 6, Col 10 (59 selected) Spaces: 4 UTF-8 LF Plain Text Prettier

A screenshot of the Visual Studio Code (VS Code) interface. The workspace is titled "barcode-printing".

Explorer View: Shows a file tree with a folder named "BARCODE-PRINTING" containing files like ".venv", "labels", "labels-archive", "barcode-png-test.py", "barcode-test-font.svg", "barcode-test.png", "barcode-test.py", "barcode-test.svg", "d-tech-kiosk.py", "it-loans.py", "macbook-barcodes.py", and "requirements.txt".

Code Editor: The current file is "numbers = [Untitled-1].py". A GitHub Copilot suggestion box is open, prompting to "make this a python list". It shows the code "numbers = [388131662, 388131661, 388131660, 388131659, 388131658, 388131657]". Buttons for "Accept" (blue), "Discard", and "Undo" are available.

Terminal: Shows the command history from a virtual environment:

```
(.venv) jgilbeam@585-PM701296LB-8163 barcode-printing % pip freeze > requirements.txt
● (.venv) jgilbeam@585-PM701296LB-8163 barcode-printing % cat requirements.txt
python-barcode==0.14.0
○ (.venv) jgilbeam@585-PM701296LB-8163 barcode-printing %
```

Status Bar: Displays file statistics: Ln 8, Col 2, Spaces: 4, UTF-8, LF. It also shows the Python version (3.10.6) and the fact that ".venv" is active. Other icons include a Prettier button and a GitHub icon.

A screenshot of the Visual Studio Code (VS Code) interface. The window title is "barcode-printing".

EXPLORER (Left sidebar):

- BARCODE-PRINTING
- .venv
- labels
- labels-archive
 - 211123.svg
 - 2724819.svg
 - 2940397.svg
 - 2954402.svg
 - 2963116.svg
 - 307388300.svg
 - 307388304.svg
 - 307388605.svg
 - 307388606.svg
 - 307388608.svg
 - 307388609.svg
 - 307892198.svg
 - 307892205.svg
 - 308133295.svg
 - 308827155.svg
 - 308827158.svg
- barcode-png-test.py
- barcode-test-font.svg
- barcode-test.png
- barcode-test.py
- barcode-test.svg
- d-tech-kiosk.py
- it-loans.py
- macbook-barcodes.py
- requirements.txt

EDITOR (Top center):

```
1 numbers = [
2     '308131662',
3     '308131661',
4     '308131660',
5     '308131659',
6     '308131658',
7     '308131657'
8 ]
```

TERMINAL (Bottom center):

```
(.venv) jpilbeam@585-PM701296LB-8163 barcode-printing % pip freeze > requirements.txt
● (.venv) jpilbeam@585-PM701296LB-8163 barcode-printing % cat requirements.txt
python-barcode==0.14.0
○ (.venv) jpilbeam@585-PM701296LB-8163 barcode-printing %
```

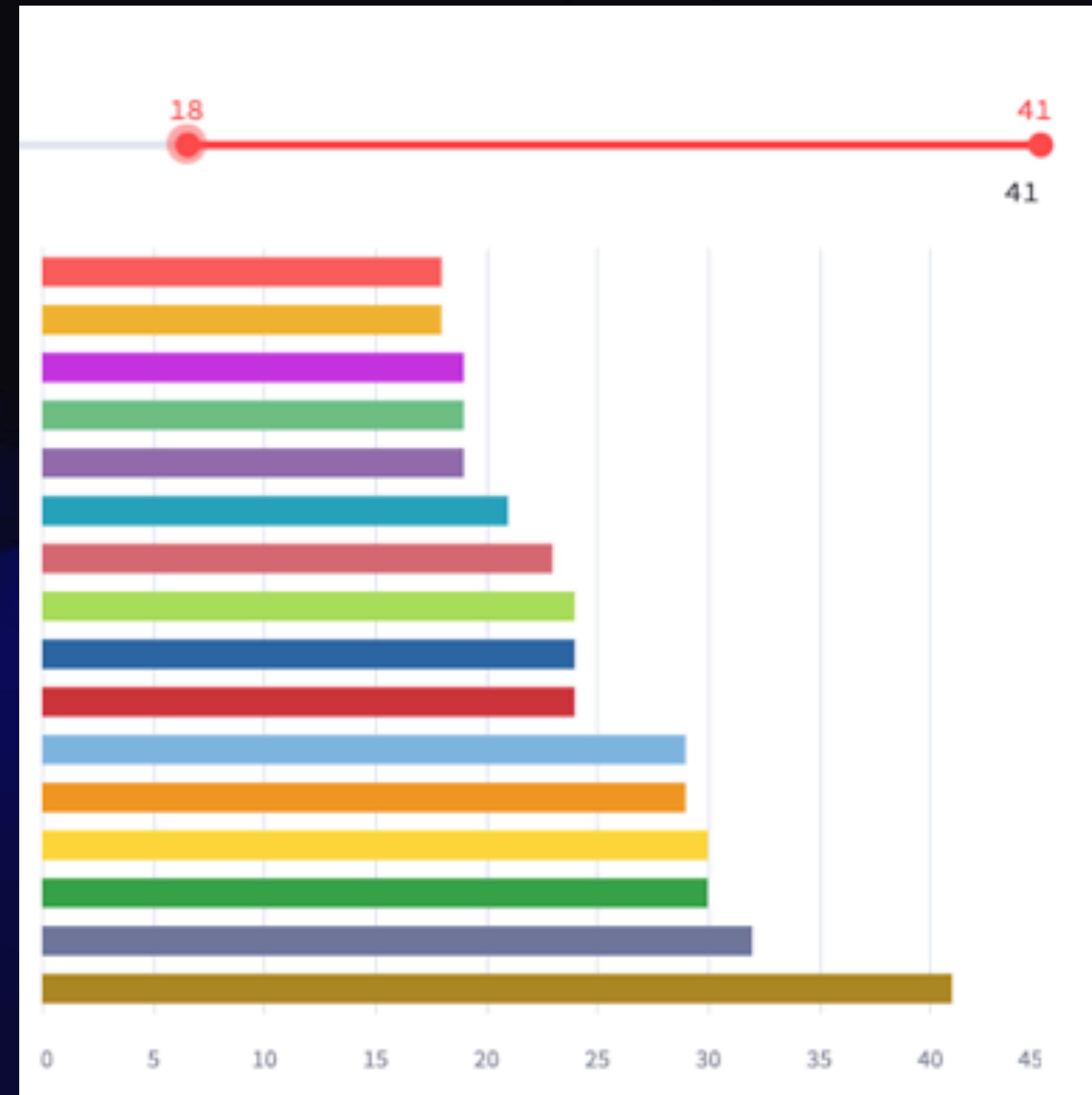
STATUS BAR (Bottom):

Ln 8, Col 2 Spaces: 4 UTF-8 LF (Python 3.10.6 ('.venv': venv)) Prettier

Generative AI in Current Software

GitHub Copilot

- Assisted with developing Python code for data dashboards
 - Converted Google Docs data into Pandas data frames
 - Created Streamlit (<https://streamlit.io/>) data dashboard UI



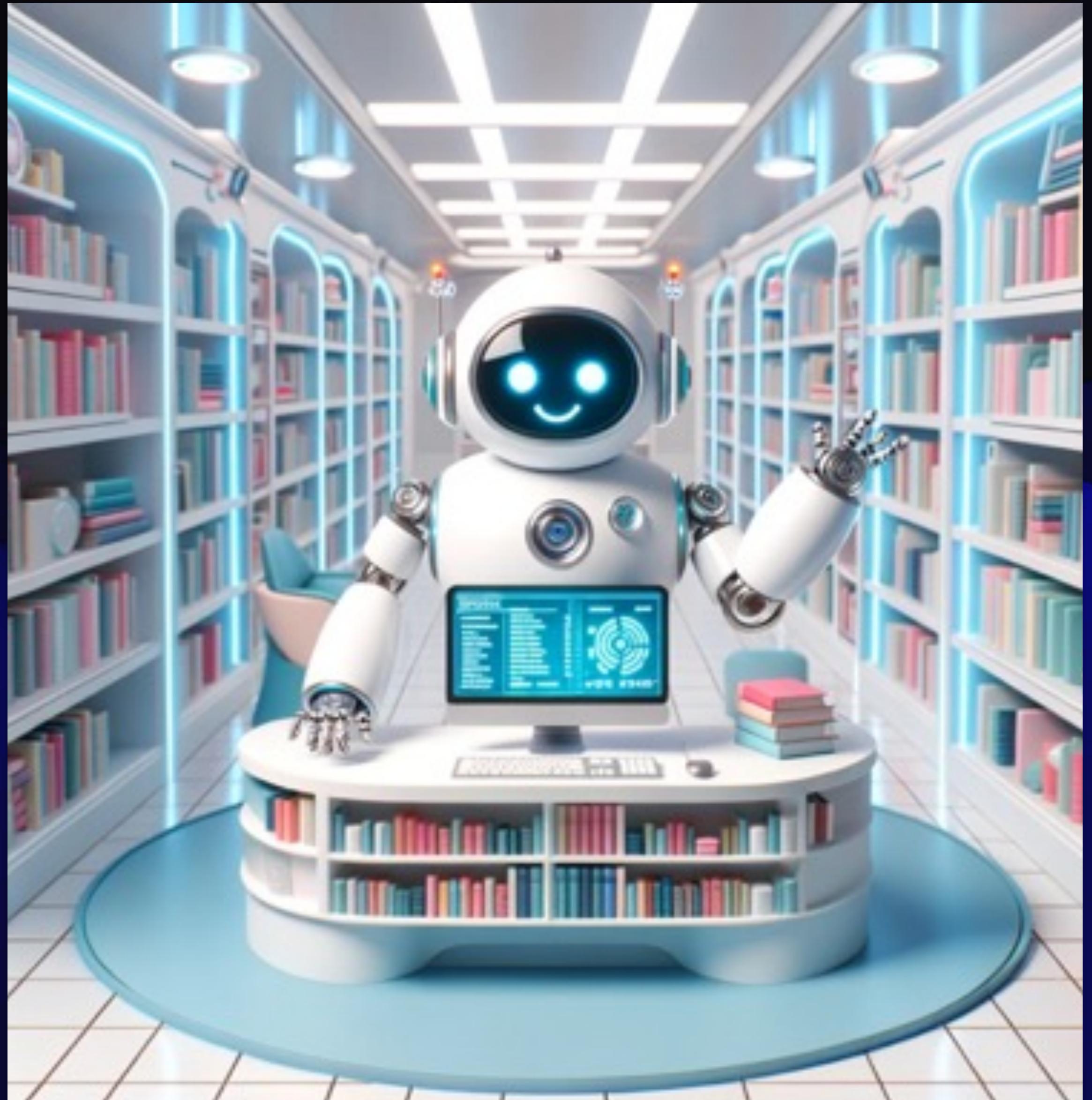
AI in the University Pilot



AI in the University Pilot

ChatGPT Enterprise

- ChatGPT Enterprise account (login via SSO)
- Microsoft CoPilot 365 Pro
- Data not used for training OpenAI's models
- Access to the latest GPT-4o (plus 4 and 3.5)
- Creation of custom GPTs



AI in the University Pilot

ChatGPT Enterprise

what is a GPT?



GPT stands for "Generative Pre-trained Transformer." It's a type of artificial intelligence model designed for natural language processing tasks. GPT models, like GPT-3.5, are trained on vast amounts of text data and can generate human-like text based on the input they receive. They're versatile tools used for various applications, including text generation, translation, summarization, and more.



AI in the University Pilot

ChatGPT Enterprise

The screenshot shows a white modal window titled "Explore" with a search bar at the top. Below the search bar are several tabs: "Top Picks", "My GPTs", "New at Oxford University" (which is highlighted in black), "DALL-E", "Writing", "Productivity", and "Research". The main content area is titled "New at Oxford University" and describes "Recently approved or created GPTs". It lists seven items, each with a small icon, a title, a brief description, and the number of interactions (indicated by a circle with a number). The items are:

- 1 Sainsbury Library Bot
Answers questions about the Sainsbury Library. Type in ? any time to get a list of suggested questions.
By John Pilbeam • 53
- 2 Readability and Accessibility Coach
Upload your document or paste in some text to get feedback OR ask a question. Not sure what to ask? Just type in ? to get suggestions.
By Dominik Lukes • 3
- 3 Academic Title Generator
Generates twenty academic article title ideas based on an uploaded document.
By Andrew Dunning • 0
- 4 Creating and Using Instructional Videos Q&A
Evidence-based answers about instructional videos linked to principles of multimedia learning. Not sure what to ask? Type ? to get a list of possible questions.
By Dominik Lukes • 3
- 5 Chat with Dominik's 1000 AI Explainer Slides
Ask questions about Dominik's AI Explainer slides. Type in ? for a list of possible questions then the number of the question. There are over 1000. Remember, this GPT can make errors.
By Dominik Lukes • 11
- 6 IT Services 2024 Staff Day Chatbot POC v1
Service chatbot for IT Services 2024 Staff Day event.
By Gavin Thomas • 23
- 7 Dan Kiernan's Career Coach Bot
Personalized career coach providing tailored career advice.
By Dan Kiernan • 19

Sainsbury Library Bot >

Search

Today

Library Opening Hours

Library Opening Hours

2 days ago

Heroic Librarian Battles Books

3 days ago

Summarize Title Request

Last week

Can You Hear Me

2 weeks ago

Create palette image.

Fix Code Syntax Error

Supporting Readers with Heari...

Support Options for Visually I...

AI Presentation Reveal.js

Library Wellbeing Resources

Streamlit Barchart Conversion

Conditional Formatting for Enti...

John Pilbeam

Message ChatGPT

What are the library opening hours?

Searched 4 sites

The Sainsbury Library's opening hours are as follows:

- **Term Time:** Monday to Friday, 9am - 7pm
- **Vacation:** Monday to Friday, 9am - 5pm

Members of the Saïd Business School can access the library outside of these hours whenever the Park End Street building is open [\("\)](#) [\("\)](#).

For more details, you can visit the library's [official webpage](#).

Disclaimer: This is my best answer based on the information that the librarians have provided me with, but there may be some information that I don't have access to, or I may have made a mistake. You can always [contact the library team to check](#).

Sainsbury Library Bot >

Q Search

Today

Library Opening Hours

Library Opening Hours

2 days ago

Heroic Librarian Battles Books

3 days ago

Summarize Title Request

Last week

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Are you open right now?

Searched 3 sites

Currently, it is 5:01 PM in Oxford [\(\)](#). Since it is a Monday during term time, the Sainsbury Library is open until 7:00 PM [\(\)](#) [\(\)](#).

Disclaimer: This is my best answer based on the information that the librarians have provided me with, but there may be some information that I don't have access to, or I may have made a mistake. You can always [contact the library team](#) to check.

Q Search

Today

Library Opening Hours

Library Opening Hours

2 days ago

Heroic Librarian Battles Books

3 days ago

Summarize Title Request

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Sainsbury Library Bot >



Answers questions about the Sainsbury Library. Type in ? any time to get a list of suggested questions.
By John Pilbeam

John Pilbeam

Sainsbury Library Bot >

Q Search

Today

Library Contact and Access

Library Opening Hours

Library Opening Hours

2 days ago

Heroic Librarian Battles Books

3 days ago

Summarize Title Request

Last week

Can You Hear Me

2 weeks ago

Create palette image.

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Support Options for Visually I...

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Library Wellbeing Resources

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John Pilbeam

Here are five possible questions you can ask:

1. How do I contact the library staff?
2. How can I connect to the Eduroam Wi-Fi?
3. What are the opening hours of the Sainsbury Library?
4. How can I set up my VPN to access library resources remotely?
5. How do I find and borrow a book in the Sainsbury Library?

What you can do next

- Type in 'more' to get more suggestions.
- Type in a number to get a response to one of the corresponding questions above.
- Ask your own question based on the ones above.

Disclaimer: This is my best answer based on the information that the librarians have provided me with, but there may be some information that I don't have access to, or I may have made a mistake. You can always [contact the library team to check](#).

Message ChatGPT

Microphone icon

Headphones icon

Sainsbury Library Bot >

To connect to the Eduroam Wi-Fi at the University of Oxford, follow these steps:

Setting Up Eduroam

1. **Set a Remote Access Password:** Ensure you have set your remote access password. You can do this by visiting [Remote Access Self-Registration](#).
2. **Connect to the Internet:** Use a home Wi-Fi connection, Oxford Wireless LAN (OWL), or a mobile data connection.
3. **Download the Eduroam Installer:** Go to [Eduroam Configuration Assistant Tool \(CAT\)](#) and download the installer for your operating system.
4. **Run the Installer:** Open and run the installer. Enter your Oxford username in the format abcd1234@ox.ac.uk and your remote access password when prompted.

Specific Instructions for Different Operating Systems

Windows

1. Download the Eduroam installer from the Eduroam CAT website.
2. Run the installer and follow the instructions.
3. Select the Wi-Fi icon in the bottom right corner of your screen.
4. Select Eduroam and click Connect.
5. Enter your Oxford username and remote access password.
6. If prompted, check the certificate details and click Connect.

MacOS

1. Download the Eduroam installer from the Eduroam CAT website.
2. Run the installer and follow the instructions.
3. Click on the Wi-Fi icon and select Eduroam.
4. Enter your Oxford username and remote access password.
5. Trust the radius.oucs.ox.ac.uk certificate.

John Pilbeam

Message ChatGPT

Sainsbury Library Bot >

Q. Search

Today

Library Contact and Access

Library Opening Hours

Library Opening Hours

2 days ago

Heroic Librarian Battles Books

3 days ago

Summarize Title Request

Last week

Can You Hear Me

2 weeks ago

Create palette image.

Fix Code Syntax Error

Supporting Readers with Heari...

Support Options for Visually I...

AI Presentation Reveal.js

Library Wellbeing Resources

Streamlit Barchart Conversion

3. Enter your Oxford username and remote access password.

4. Select Connect to Network.

For detailed guides, you can also refer to the [IT Help page](#).

Disclaimer: This is my best answer based on the information that the librarians have provided me with, but there may be some information that I don't have access to, or I may have made a mistake. You can always [contact the library team to check](#).

How do I access the Oxford Futures Library?

 Searched 4 sites

To access the Oxford Futures Library, follow these steps:

- Understand the Location:** The Oxford Futures Library is housed within the Bodleian Libraries' Collections Storage Facility (CSF). It includes significant collections like the Pierre Wack Memorial Library and the Boucher Futures Research Library [\(n\)](#) [\(n\)](#).
- Request Items:**
 - Register for a Bodleian Reader Card:** If you are not a University of Oxford member, you will need to apply for a Bodleian Reader card [\(n\)](#).
 - Use SOLO:** Log in to the SOLO catalog using your Bodleian Libraries username and password. Search for the items you need by title or archival box number. You can request these items to be delivered to the Sainsbury Library for consultation [\(n\)](#).
 - Consult Items:** Once the items arrive at the Sainsbury Library, you can consult them there. Note that items are strictly for reference only and cannot be taken away [\(n\)](#).
- Special Conditions for Archival Materials:** If you are accessing archival materials, you will need to complete a conditions of access form, which outlines your responsibilities regarding data protection, copyright, and photography [\(n\)](#).

For more detailed guidance, you can visit the [Oxford Futures Library website](#) or contact the Sainsbury Library staff at +44 (0) 1865 288880 or via email at library@sbs.ox.ac.uk.

Disclaimer: This is my best answer based on the information that the librarians have provided me with, but there may be some information that I don't have access to, or I may have made a mistake. You can always [contact the library team to check](#).

John Pilbeam

Message ChatGPT

chatgpt.com/gpts/mine

My GPTs

Created by me Shared with me

Create a GPT
Customize a version of ChatGPT for a specific purpose

 **Sainsbury Library Bot**
Answers questions about the Sainsbury Library.
Type in ? any time to get a list of suggested...
🕒 56 Chats
👤 Anyone at Oxford...

...

 ChatGPT

 Sainsbury Library Bot

 AI Enterprise License ...

 Explore GPTs

Today

Library Contact and Access

Library Opening Hours

Library Opening Hours

Previous 7 Days

Heroic Librarian Battles Books

Summarize Title Request

Can You Hear Me

Previous 30 Days

Create palette image.

Fix Code Syntax Error

Supporting Readers with Hearing

Support Options for Visually Impaired

chatgpt.com/gpts/editor/g-D9X1786vl

Sainsbury Library Bot
Live · Oxford University

Create Configure

Unpublished changes ... Share Update

Preview

Name: Sainsbury Library Bot

Description: Answers questions about the Sainsbury Library. Type in ? any time to get a list of suggested question

Instructions: This GPT first tries to answer questions based on the documents titled 'Sainsbury Library - FAQs' and 'How to guide'. If anything is not in these documents you must check the following online sources for the answer (listed in order of preference):
<https://www.bodleian.ox.ac.uk/libraries/business/>
<https://www.bodleian.ox.ac.uk/libraries/business/using-this-library>
<https://www.bodleian.ox.ac.uk/libraries/business/borrowing>

Conversation starters:

- What are the library opening hours? X
- How can I access electronic resources? X
- What services are available for researchers? X
- How do I contact the library staff? X

Knowledge: If you upload files under Knowledge, conversations with your GPT may include file contents. Files can be downloaded when Code Interpreter is enabled

Sainsbury Library - FAQ... Document

How to guide.pdf PDF

Upload files

Sainsbury Library Bot

Answers questions about the Sainsbury Library. Type in ? any time to get a list of suggested questions.

What are the library opening hours?

How can I access electronic resources?

What services are available for researchers?

How do I contact the library staff?

Message Sainsbury Library Bot

AI in the University Pilot

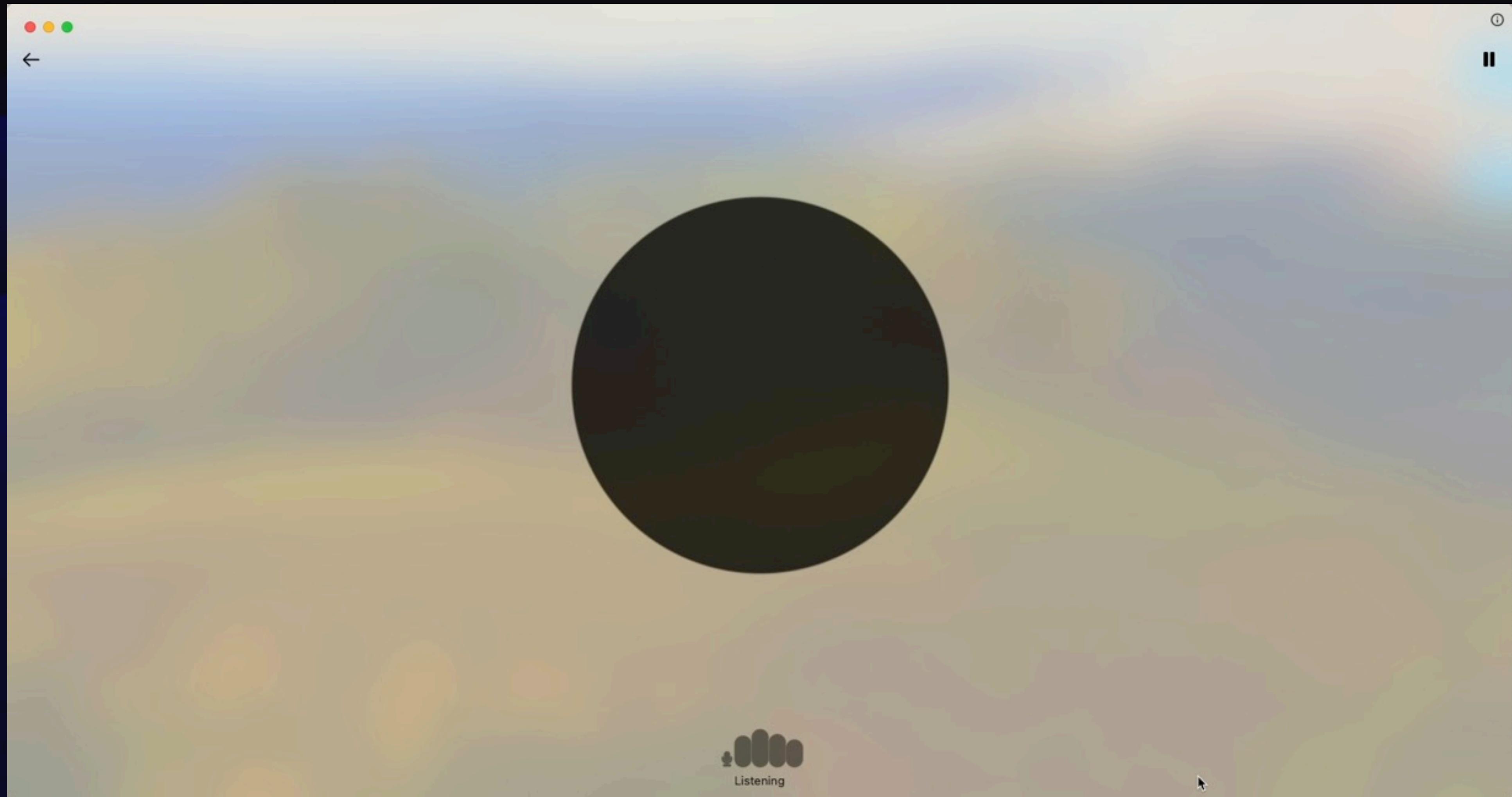
ChatGPT App for macOS

- Uses Oxford ChatGPT Enterprise account
- macOS 14+ / Apple Silicon (M1+)
- Windows later this year
- Many features not in the Web version
 - Integration with OS
 - Conversations with ChatGPT...



AI in the University Pilot

ChatGPT App for macOS



AI in the University Pilot

ChatGPT App for macOS

```
1 # How I Am Using AI
2 ### By John Pilbeam
3
4 ## Housekeeping
5
6 - My role: Web Digital Officer at the Sainsbury Library, Bodleian Business Library, SAI Business School.
7 - I have a varied role including IT and digital projects for students at the school.
8
9 ## Introduction
10
11 - Ask the audience if this is their first AI event of the year/month/week.
12 - Acknowledge that AI can be overwhelming.
13 - Briefly mention the importance of ethics and following university guidelines.
14
15 ## Quote by Douglas Adams
16
17 > "I've come up with a set of rules that describe our reactions to technologies:
18 > 1. Anything that is in the world when you're born is normal and ordinary and is just a natural part of the way the
19 world works.
20 > 2. Anything that's invented between when you're fifteen and thirty-five is new and exciting and revolutionary and you
21 can probably get a career in it.
22 > 3. Anything invented after you're thirty-five is against the natural order of things."
23
24 ## AI in Current Software
25
26 1. **Buffer** for social media management.
27 2. **Lumen5** to transform blog posts into videos.
28 3. **Adobe Creative Cloud (Photoshop)** using Generative Fill.
29 4. **GitHub Copilot** within Microsoft Visual Studio Code.
30 5. **ChatGPT app for macOS**.
31
32 ## University AI Pilot
33
34 - A six-month project offering 500 licenses for ChatGPT Enterprise and Microsoft Copilot.
35 - Currently, only ChatGPT is available to participants.
36
37 ## Focus on ChatGPT
38
39 - Simple definition of GPT: Generative Pre-trained Transformer.
40 - Introduction to the Sainsbury Library Bot:
41 - Virtual librarian answering questions about the Sainsbury Library.
42 - Knowledge from key documents and specific library resources, not the web.
43
44 ## On the Horizon
45
46 - **Running AI Locally**:
47 - Powerful hardware like Pinocchio and LLAMA.
48 - Benefits include privacy, faster processing, and handling sensitive data.
49 - **Apple Intelligence**:
50 - Running AI models on Apple hardware.
51 - Enhanced performance, privacy, and integration for researchers.
52 - **ChatGPTEDU**:
53 - Tailored for educational environments.
54 - Benefits for personalized tutoring, research support, and administrative tasks.
```



On the Horizon

On the Horizon

- Apple Intelligence (iOS/iPadOS 18 + macOS Sequoia)
 - Combination of on device AI + ChatGPT in cloud
- Microsoft Copilot+ PCs
 - High specification PC + NPU (Neural Processing Unit)
- AI running locally (not in cloud) e.g. llamafile
 - Privacy, faster processing, and handling sensitive data



Questions?

Contact

John Pilbeam

Web Digital Officer, Sainsbury Library

john.pilbeam@bodleian.ox.ac.uk

<https://johnpilbeam.com/>

