



How to apply UX to AI systems?

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Without user
understanding,
AI systems fall
short.

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Solution?

Using UX patterns to
make AI as easy to
use as possible.

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Here's a list of
10 things you
should do.

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#1

Help users
understand
system
functionality



✓ Display an introductory blurb like Semantic Scholar



SEMANTIC SCHOLAR

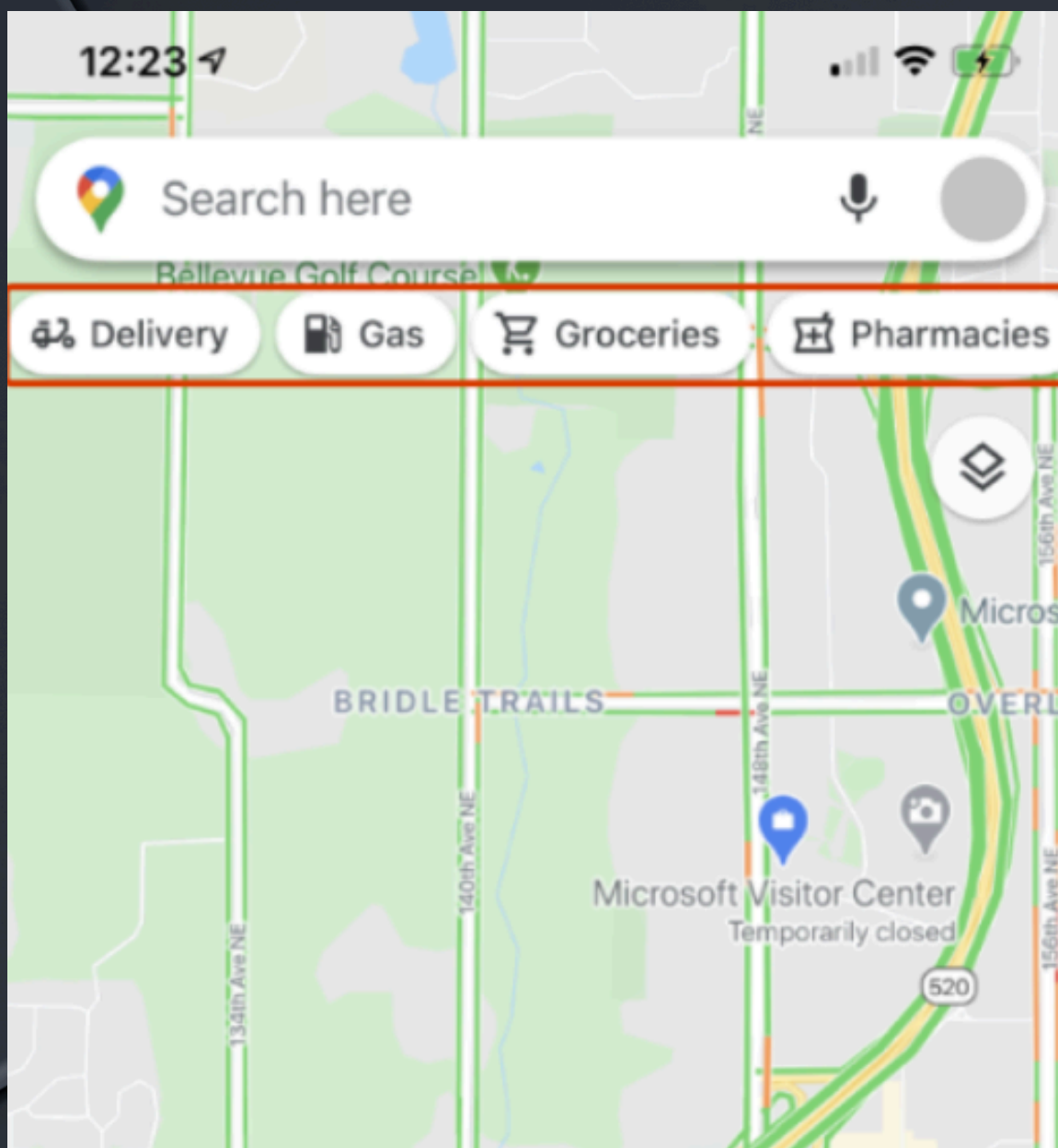
A free, AI-powered research tool for scientific literature

Search 218 668 279 papers from all fields of science

Try: [David Chalmers](#) • [Coil Spring](#) • [Sleep Paralysis](#)



✓ Demonstrate possible inputs like Google Maps



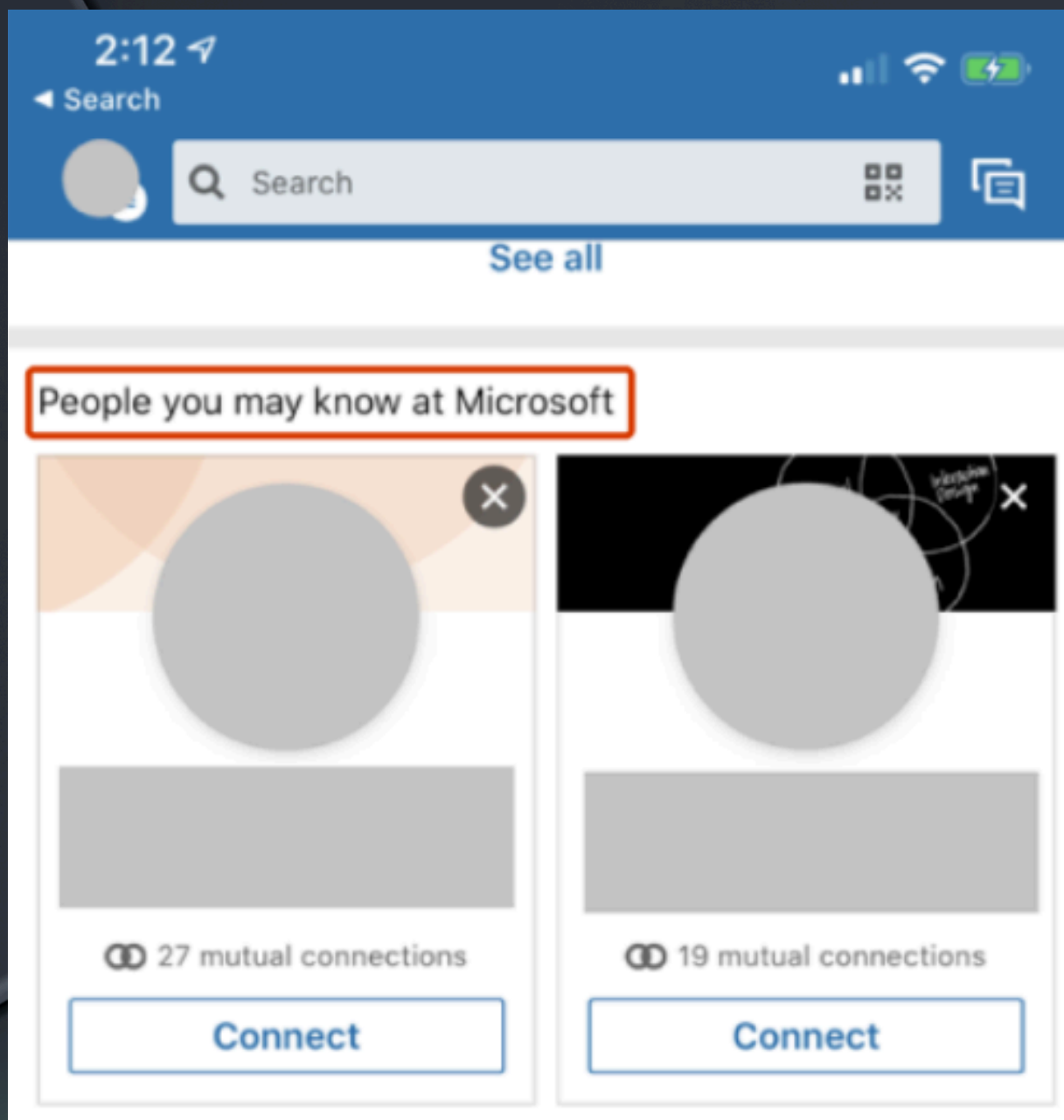
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#2

Set realistic
expectations

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✓ Use intentional uncertainty in language like LinkedIn





✓ Inform what system
can do like ChatGPT



Morning routine
for productivity



Study vocabulary



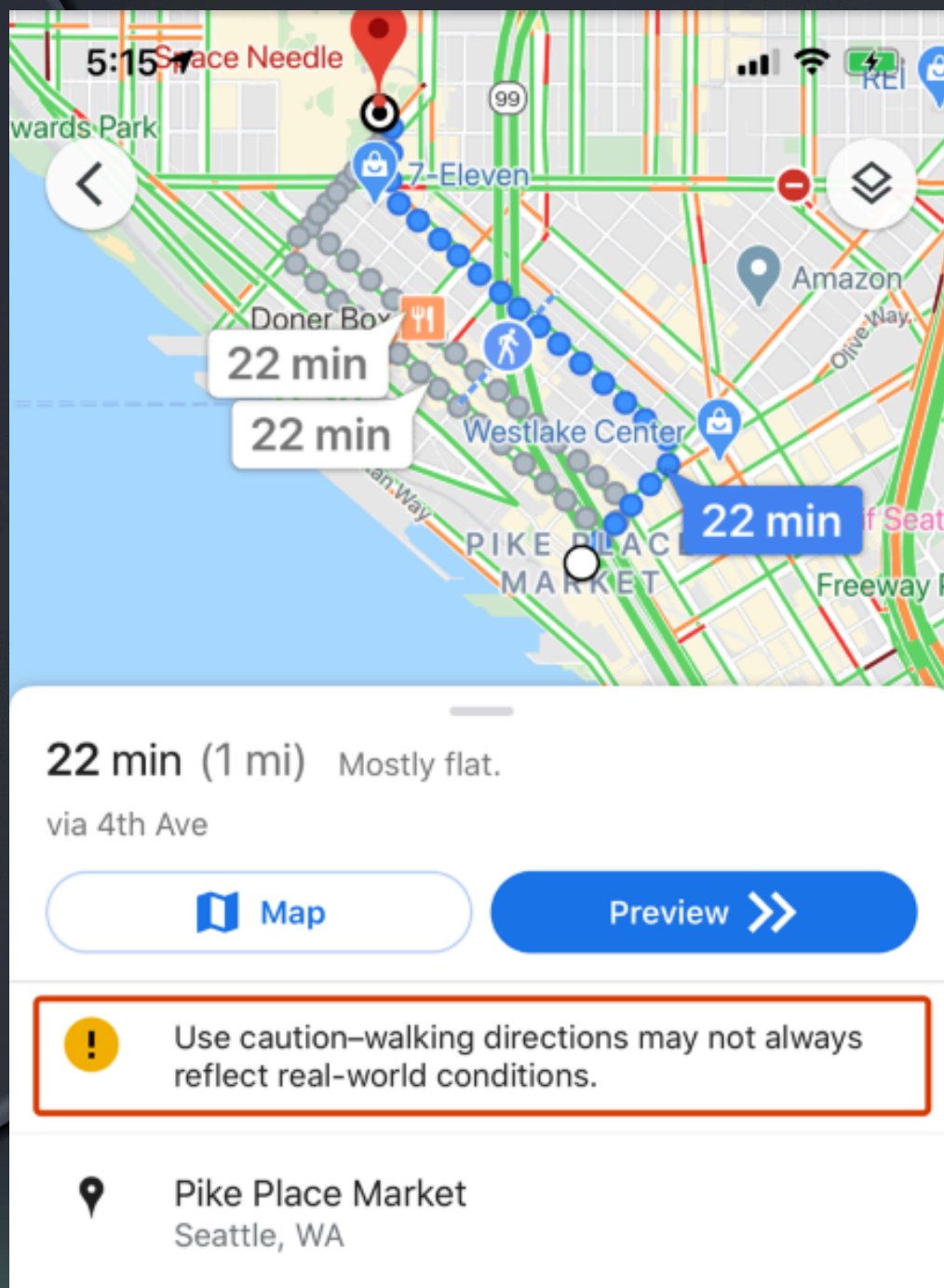
Email for
plumber quote



Fun fact about
the Roman Empire



✓ Provide low performance alerts like Google Maps



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#3

Manage multiple
input options



✓ Give option to select the output like ChatGPT



You

precise name- what is it called in the api?

Which response do you prefer?

Your choice will help make ChatGPT better.



Response 1

In the OpenAI API, the model you are interacting with is specifically referred to as "gpt-4.0-turbo". This is the latest iteration of the Generative Pre-trained Transformer models developed by OpenAI, offering improved performance and capabilities compared to its predecessors. The "turbo" in the name indicates a more efficient and responsive version of the GPT-4 model, optimized for interactive applications like this one.



Response 2

In the OpenAI API, the model you are interacting with is referred to as "gpt-4.0-turbo". This identifier is used to specify this particular version and iteration of the Generative Pre-trained Transformer model within the OpenAI API framework.



Message ChatGPT...





✓ Disambiguate before actions like Github Copilot

The screenshot shows a code editor with two panels. The left panel, titled 'script.js', contains the following code:

```
1 //draw a circle
2 function drawCircle(x, y, radius, color) {
```

The right panel, titled 'GitHub Copilot 4', shows the full implementation of the functions suggested by Copilot:

```
1 Synthesizing 10/10 solutions (Duplicates hidden)
2
3
4
5 Accept Solution
6 function drawCircle(x, y, radius, color) {
7   ctx.beginPath();
8   ctx.arc(x, y, radius, 0, Math.PI * 2, false);
9   ctx.fillStyle = color;
10  ctx.fill();
11  ctx.closePath();
12 }
13
14 //draw a rectangle
15 function drawRect(x, y, width, height, color) {
16   ctx.beginPath();
17   ctx.rect(x, y, width, height);
18   ctx.fillStyle = color;
19   ctx.fill();
20   ctx.closePath();
21 }
22
23 //draw a line
24 function drawLine(x1, y1, x2, y2, color) {
25   ctx.beginPath();
26   ctx.moveTo(x1, y1);
27   ctx.lineTo(x2, y2);
28   ctx.strokeStyle = color;
29   ctx.stroke();
30   ctx.closePath();
31 }
32
33 //draw a text
34 function drawText(text, x, y, color) {
35   ctx.font = "30px Arial";
36   ctx.fillStyle = color;
37   ctx.fillText(text, x, y);
38 }
39
40 //draw a image
41 function drawImage(image, x, y, width, height) {
42   ctx.drawImage(image, x, y, width, height);
43 }
44
45 //draw a image with center
46 function drawImageCenter(image, x, y, width, height) {
47   ctx.drawImage(image, x - width / 2, y - height / 2, width, height);
48 }
49
50 //draw a image with center
51 function drawImageCenterX(image, x, y, width, height) {
52   ctx.drawImage(image, x - width / 2, y, width, height);
53 }
54
55 //draw a image with center
56 function drawImageCenterY(image, x, y, width, height) {
```

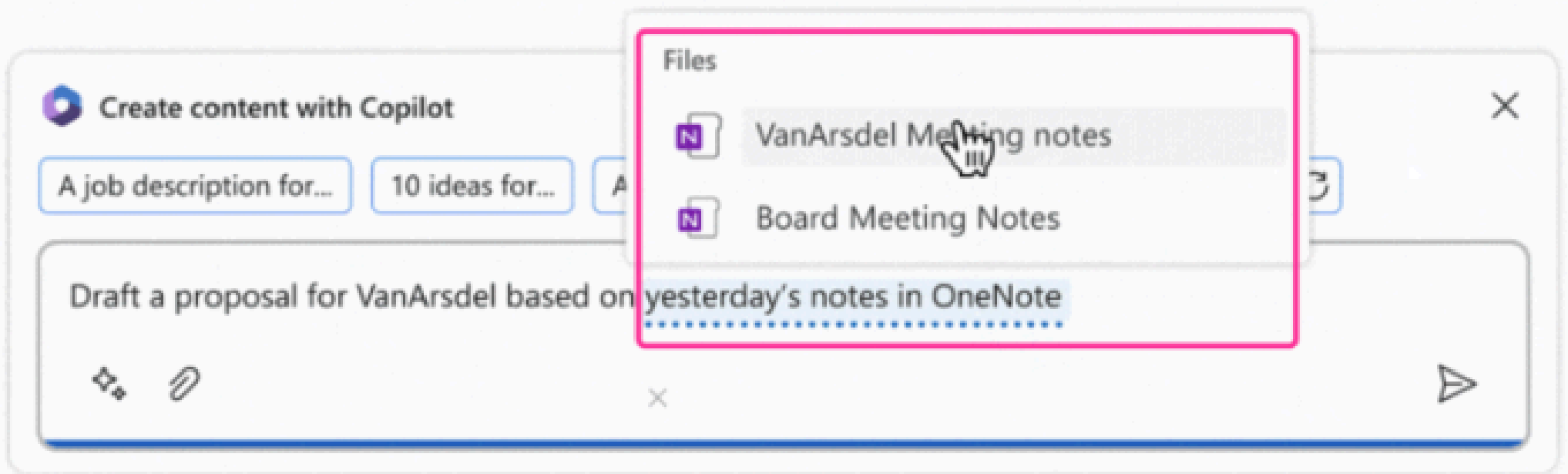

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#4

Provide context
in the interface



✓ Add relevant information like Microsoft Copilot



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✓ Add contextualized information like e-commerce recommended products

Customers also considered



Red Dead Redemption 2, Rockstar Games, Xbox One, 710425498916

★★★★★ 61

\$34.99 List ~~\$59.99~~



WWE 2K19 Deluxe Edition, 2K, Xbox One, 710425590733

★★★★★ 2

\$36.00



Microsoft Xbox One Wireless Controller, Sport White Special Edition, WL3-00082

★★★★★ 932

See details in cart ⓘ

N

#5

Ensure social
norms



✓ Adopt polite forms like Siri



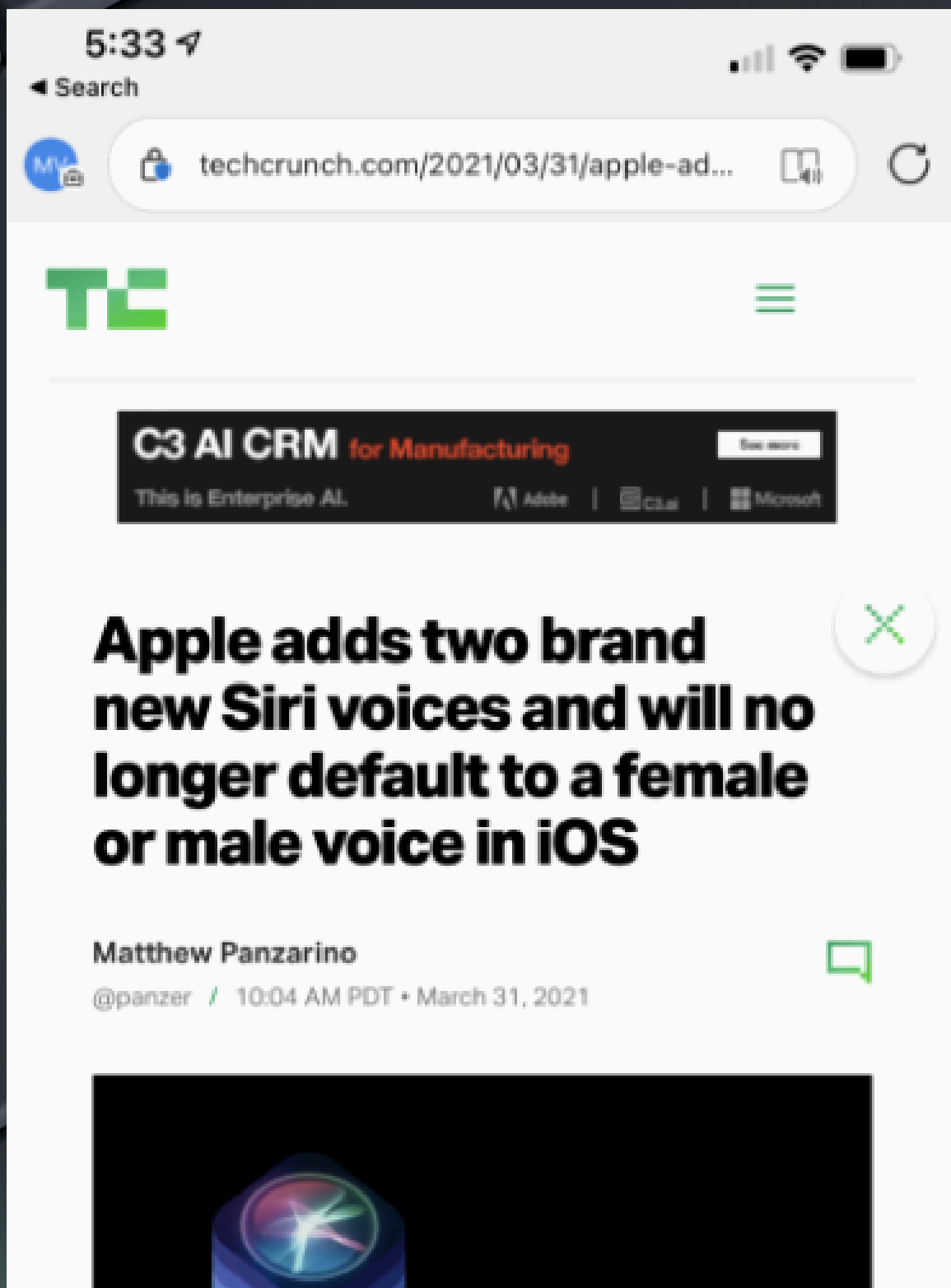
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#6

Mitigate social
bias

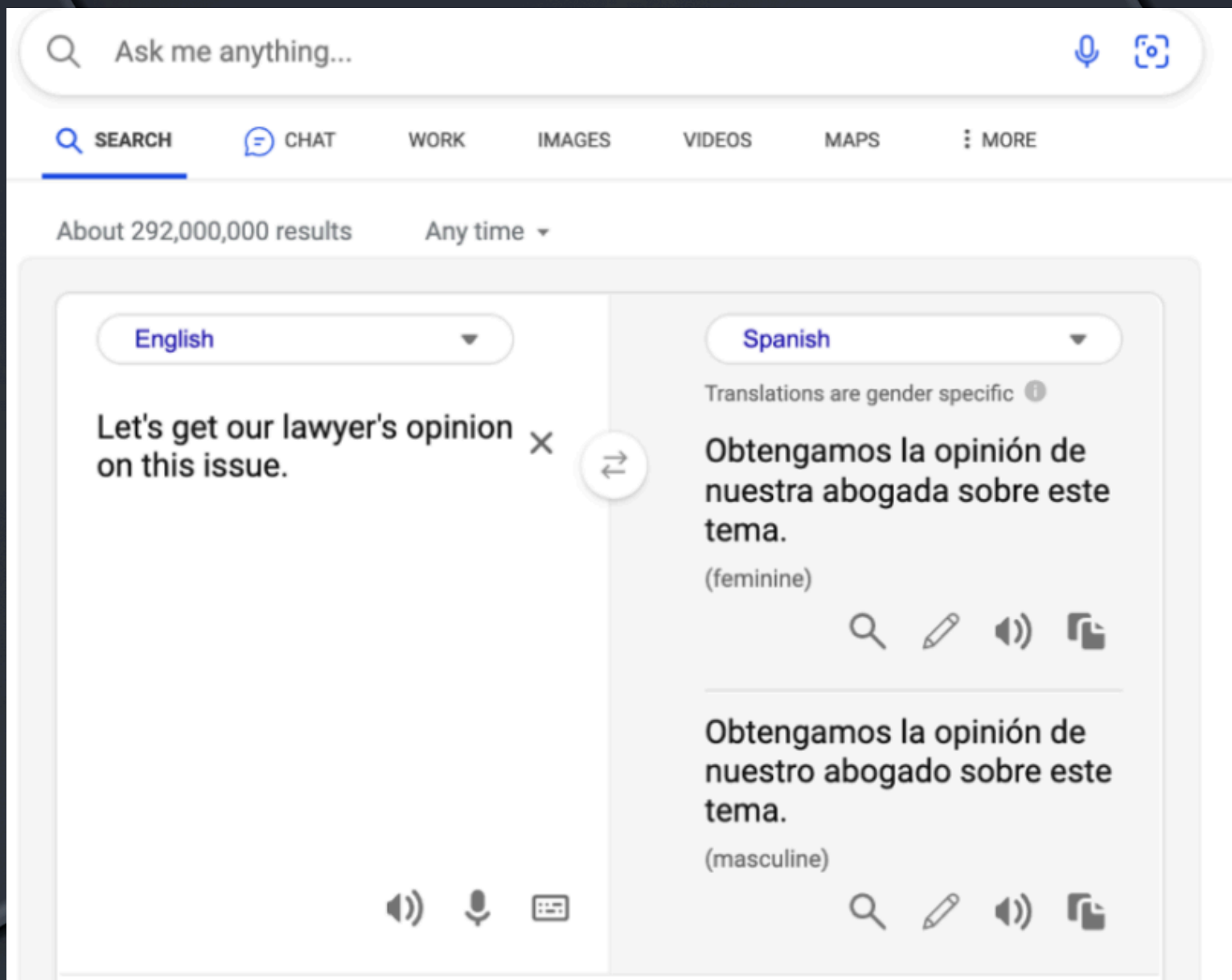


✓ Add additional voices like Siri



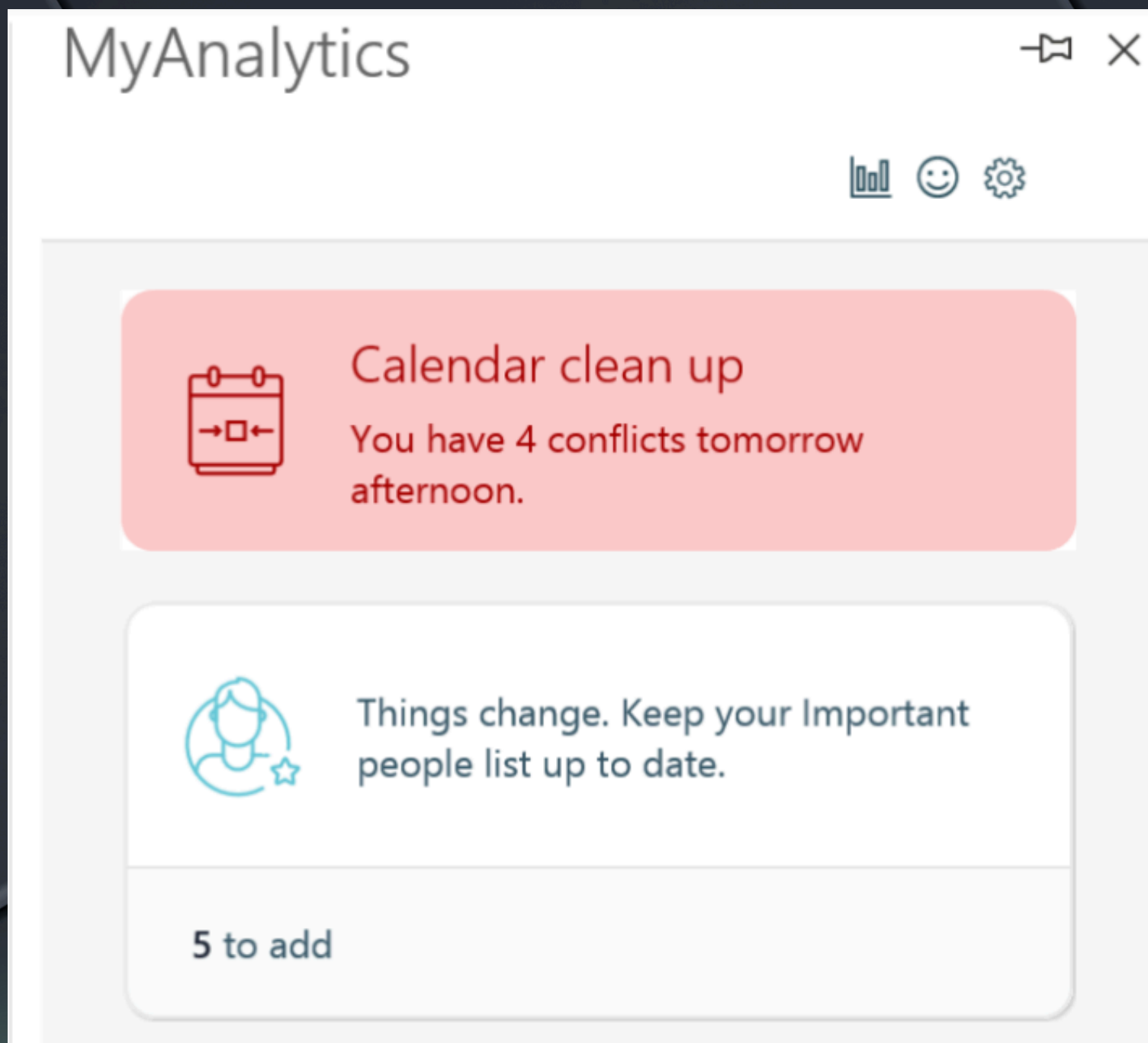


✓ Give different gender options like Google Translator





✓ Present gender neutral icons like Google Analytics



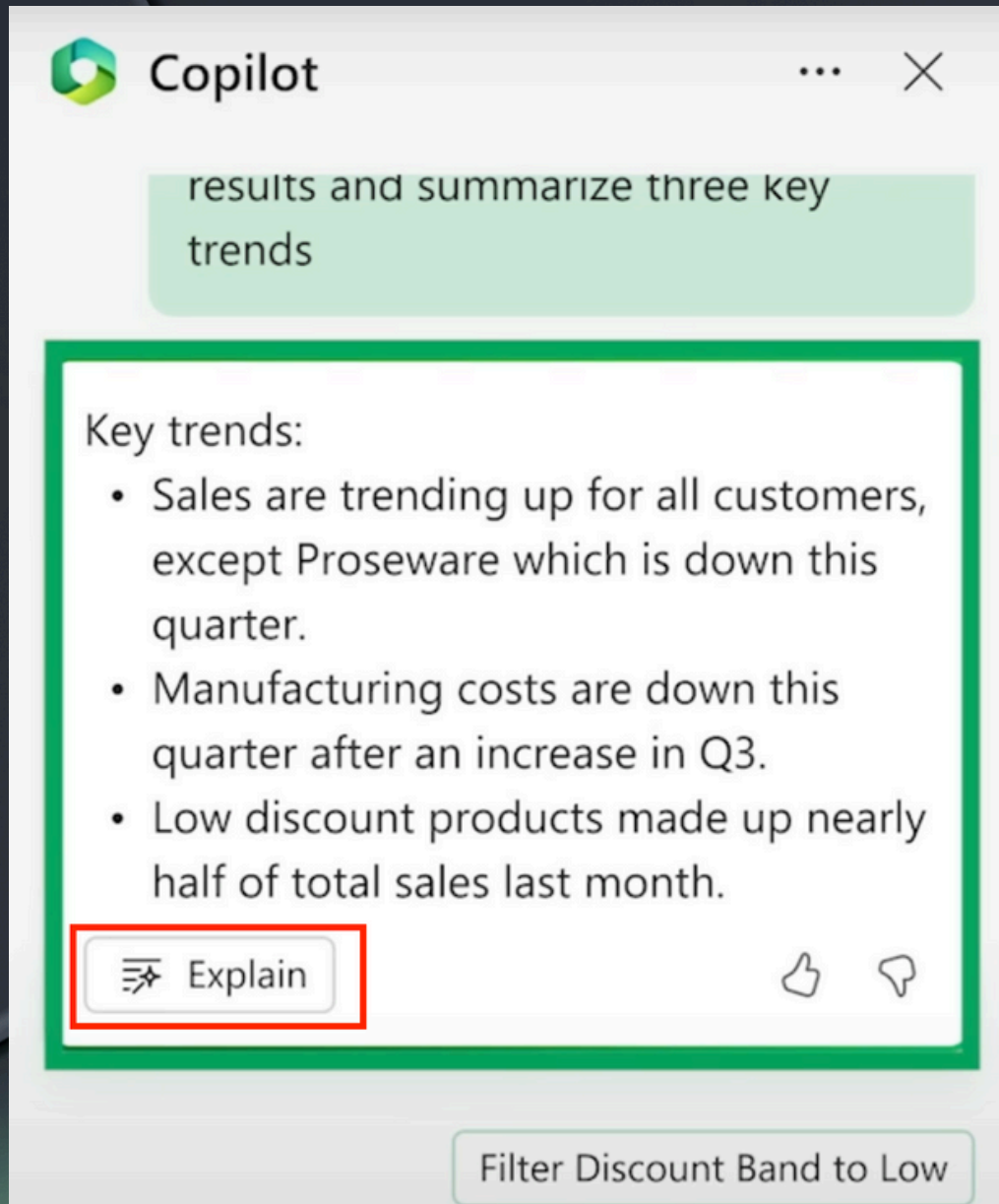
A stylized, light green letter 'N' logo, composed of two parallel vertical lines and a diagonal line connecting them, set against a dark background with a geometric pattern of squares.

#7

Mitigate social
bias



✓ Clarify why the system took specific actions like Copilot in Excel





✓ Provide local explanations like Netflix

NETFLIX

Home

TV Shows

Movies

New & Popular

My List

Browse by Languages

Animation



Because you watched Ozark >



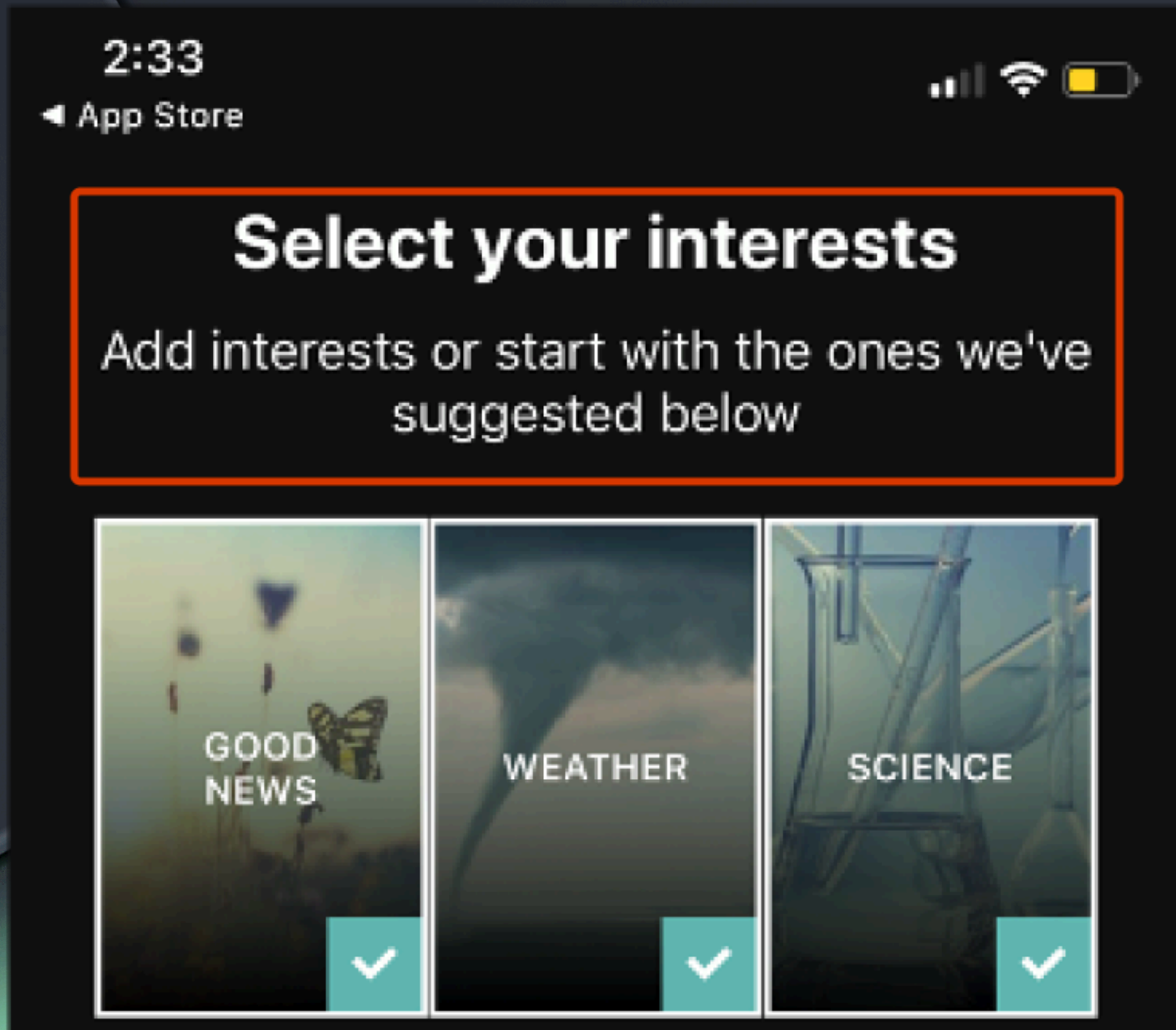
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#8

Avoid cold start

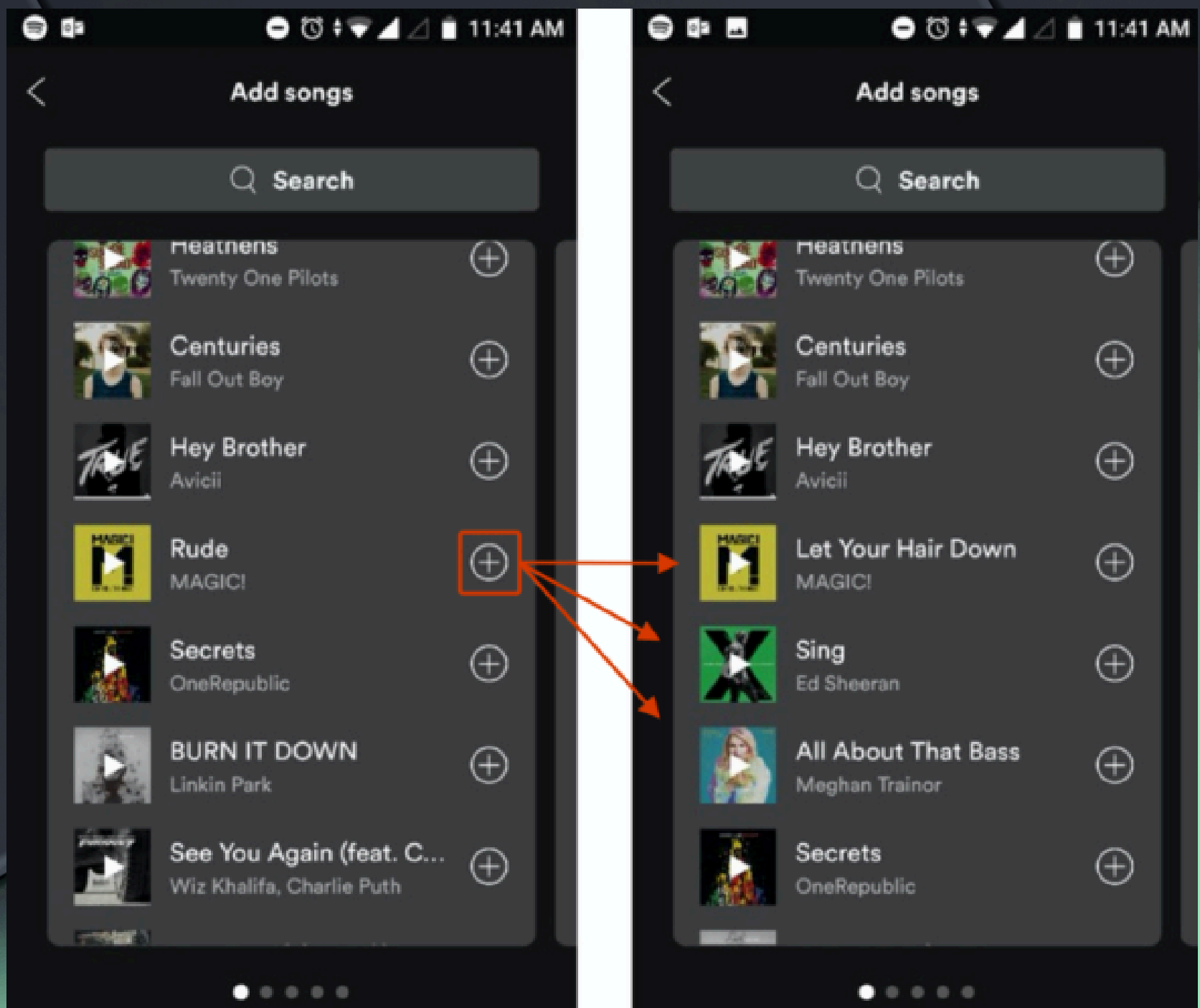
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✓ Introduce a setup wizard: 'select your interest' like Microsoft News





✓ Allow users to
personalize their
experience like Spotify



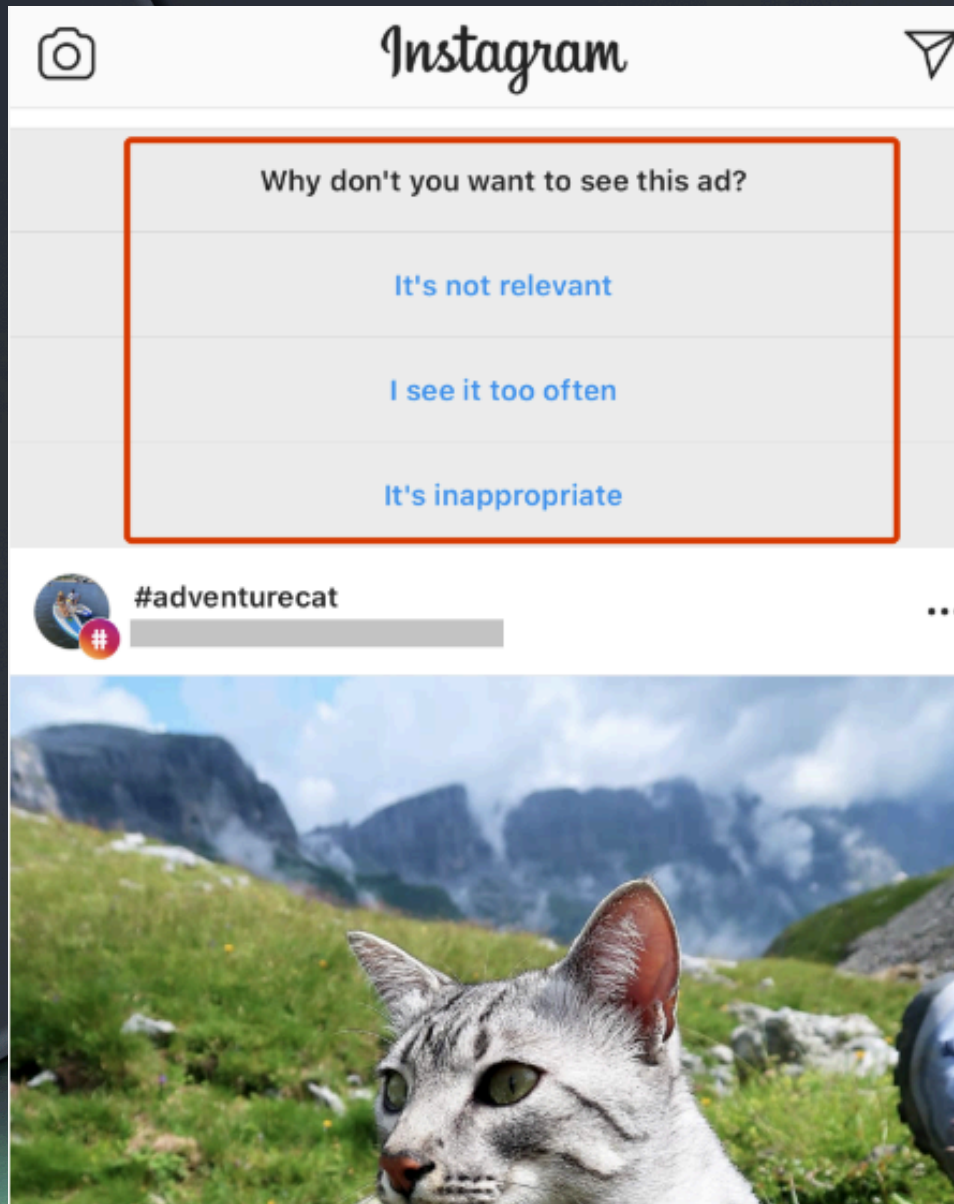
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#9

Collect granular
feedback



✓ Ask for more specific feedback to understand user preferences like Instagram



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#10

Provide global
control and
suggestions



✓ Give possibility to upload system instructions like ChatGPT

Customize ChatGPT

Custom Instructions ⓘ

What would you like ChatGPT to know about you to provide better responses?

I am an Innovation Consultant based in the United States.
My work involves advising companies on emerging technologies, business strategy, and market innovation.
I have a strong understanding of the US market, including regulatory environments and industry-specific challenges.
I value data-driven insights and am always looking for statistically significant evidence to support business decisions.
It's important for me to stay ahead of trends and be aware of new

503/1500

How would you like ChatGPT to respond?

Provide responses with a formal and professional tone, suitable for a business environment.



**Own the change
with Netguru**