



Digital Leadership

Kate Doodson

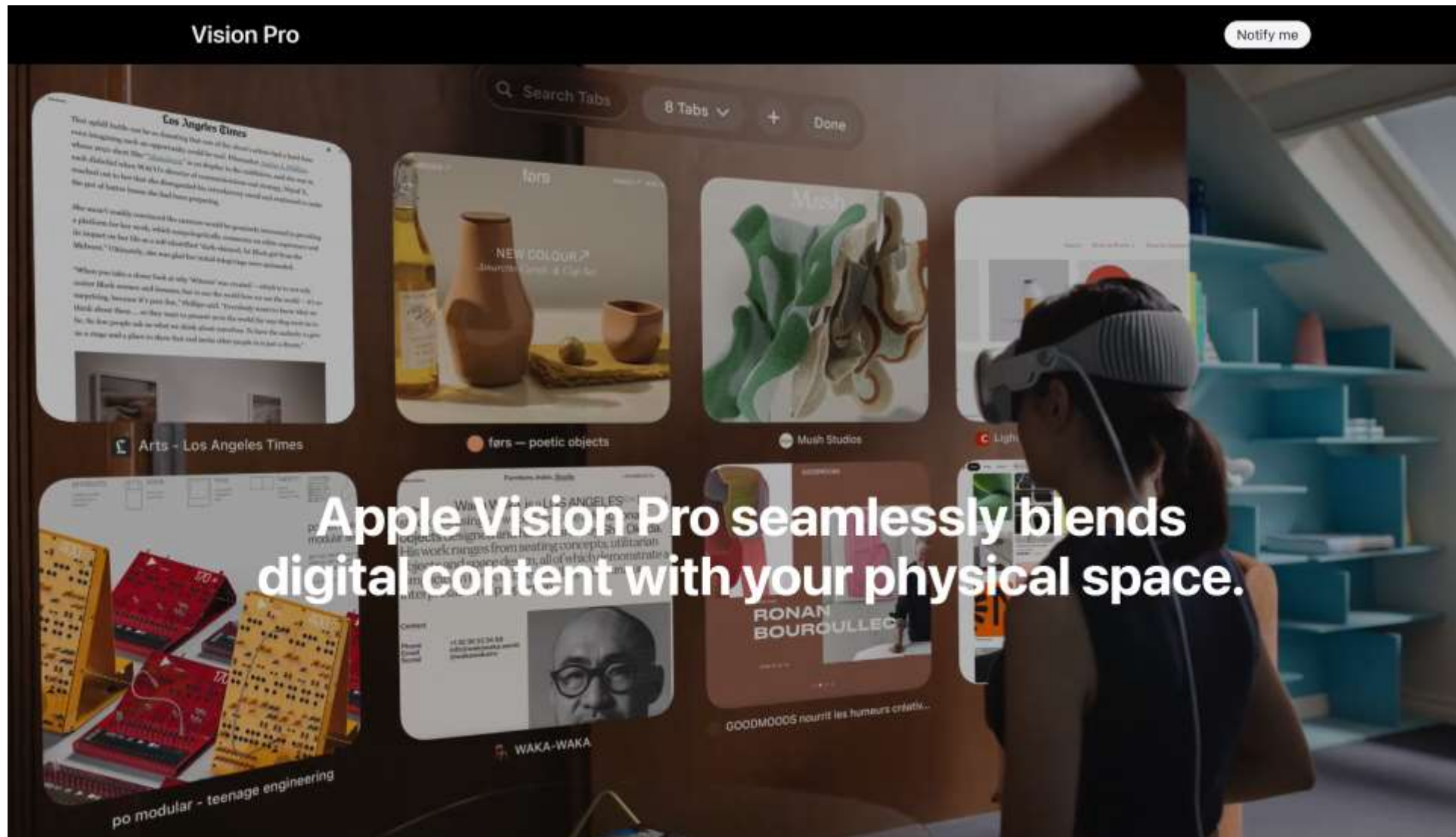
Joint CEO

Cosmic

Apple reveals post-iPhone with a big bet on the metaverse

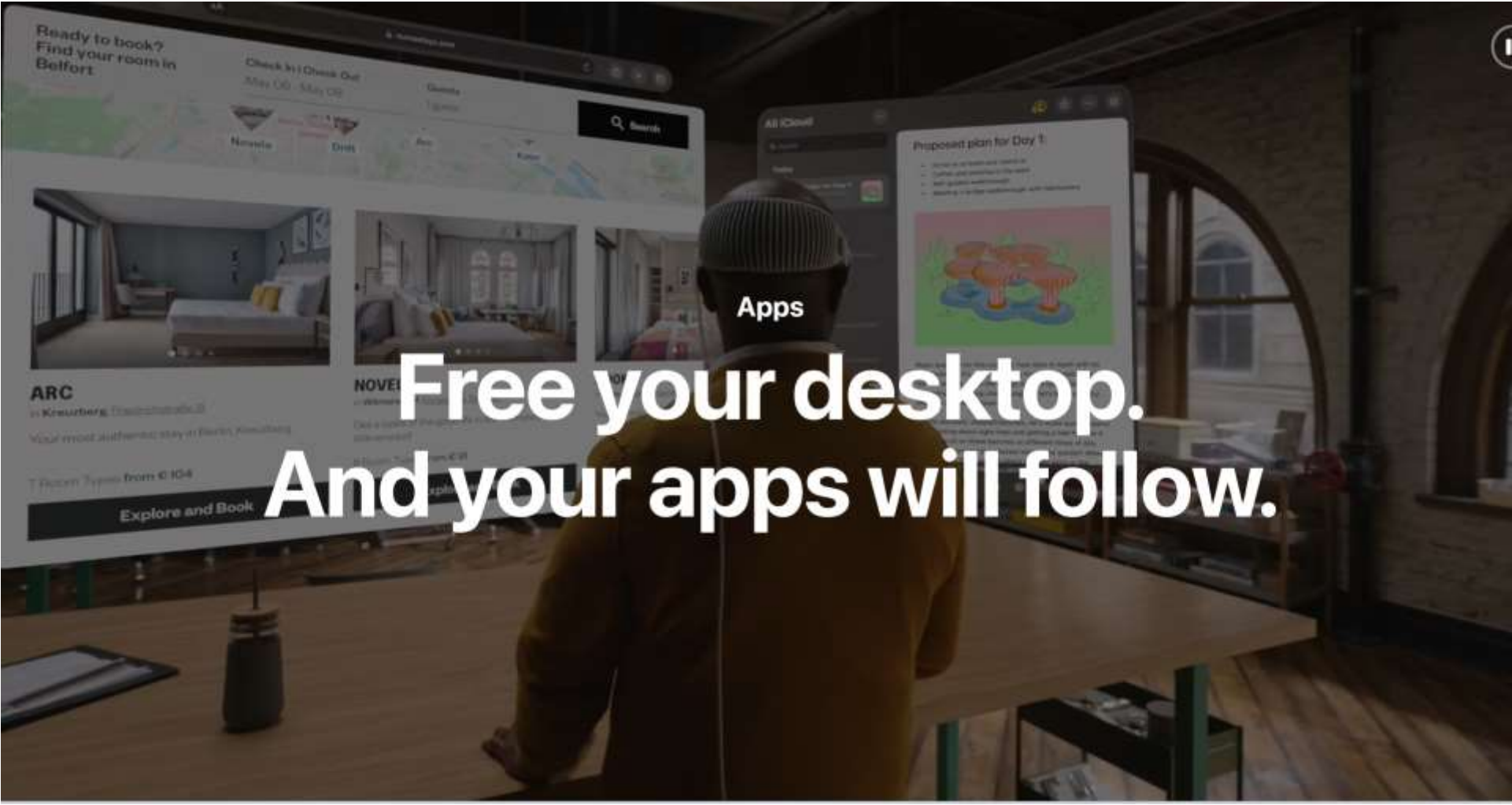


Spatial Computing & 3D photos



**You navigate simply by using your
eyes, hands, and voice.**





Apps

**Free your desktop.
And your apps will follow.**



Generative AI.



What is ChatGPT?



ChatGPT **is the first free chatbot that can generate an answer to almost any question it's asked.**

Developed by OpenAI, and released for testing to the general public in November 2022, it's already considered the best AI chatbot ever.

Chat GPT (Generative Pre-trained Transformer) is a large language model developed by OpenAI that uses deep learning techniques to generate human-like responses to text-based input.

It is trained on massive amounts of text data from the internet and other sources, allowing it to generate coherent and relevant responses to a wide range of queries (over 175 billion parameters as of 2021)



evolving. From new social media platforms to innovative devices, there are many digital trends to look out for in 2023. In this blog post, we'll explore some of the most significant digital trends that are likely to shape the way we live, work, and play in the coming years.

1. Augmented Reality and Virtual Reality

Augmented reality (AR) and virtual reality (VR) have been growing in popularity over the last few years, and they are set to become even more prevalent in 2023. These technologies are already being used in a variety of industries, from healthcare and education to entertainment and retail.

AR technology overlays digital information onto the real world, while VR creates an entirely immersive experience. With the increasing popularity of these technologies, we can expect to see more AR and VR devices and applications in the coming years, including VR headsets and AR-enabled smartphones.

2. The Rise of 5G

5G technology has been in development for several years, and it is set to revolutionize the way we use the internet. With faster download and upload speeds, low latency, and the ability to connect

Stop generating

Send a message... ..

NEW



How it can be used

Example use cases¹ (not exhaustive)

Marketing and sales	Operations	IT/engineering	Risk and legal	HR	Utility/employee optimization
<p>Write marketing and sales copy including text, images, and videos (eg, to create social media content or technical sales content)</p>	<p>Create or improve customer support chatbots to resolve questions about products, including generating relevant cross-sell leads</p>	<p>Write code and documentation to accelerate and scale developments (eg, convert simple JavaScript expressions into Python)</p>	<p>Draft and review legal documents, including contracts and patent applications</p>	<p>Assist in creating interview questions for candidate assessment (eg, targeted to function, company philosophy, and industry)</p>	<p>Optimize communication of employees (eg, automate email responses and text translation or change tone or wording of text)</p>
<p>Create product user guides of industry-dependent offerings (eg, medicines or consumer products)</p>	<p>Identify production errors, anomalies, and defects from images to provide rationale for issues</p>	<p>Automatically generate or auto-complete data tables while providing contextual information</p>	<p>Summarize and highlight changes in large bodies of regulatory documents</p>	<p>Provide self-serve HR functions (eg, automate first-line interactions such as employee onboarding or automate Q&A or strategic advice on employment conditions, law, regulations, etc)</p>	<p>Create business presentations based on text prompts, including visualizations from text</p>
<p>Analyze customer feedback by summarizing and extracting important themes from online text</p>	<p>Streamline customer service by automating processes and increasing agent productivity</p>	<p>Generate synthetic data to improve training accuracy of machine learning models with limited unstructured</p>	<p>Answer questions from large amounts of legal documents, including public and private company information</p>		<p>Synthesize a summary (eg, from text, slide decks, or online video meetings)</p>



What can we use it for today

1. Construction - such as the properties of different building materials, construction methods and design principles.
2. Provide technical support - guidance on how to troubleshoot problems on construction sites, provide information on best practices and offer suggestions for how to improve processes and workflows.
3. Streamline comms - guidance on how to troubleshoot problems on construction sites, provide information on best practices and offer suggestions for how to improve processes and workflows.



Construction professionals can use me to help with a variety of tasks, including:

1. **Researching building materials, methods, and codes:** I can help you find information on the latest construction techniques and technologies, as well as help you understand building codes and regulations.
2. **Designing and planning construction projects:** I can assist with creating project plans, estimates, and schedules, as well as help with design and layout tasks.
3. **Managing and organizing construction projects:** I can help you keep track of project tasks, deadlines, and budgets, and assist with communication and collaboration with team members and clients.
4. **Solving construction-related problems:** If you're facing a construction-related challenge, I can help you brainstorm solutions and find ways to overcome obstacles.

Overall, I can be a valuable resource for construction professionals looking to improve their efficiency, productivity, and knowledge. Is there anything specific you'd like help with?





As a specialist contractor in the roofing sector in the UK, you will need to ensure that you are complying with all relevant health and safety regulations on your new jobs. Some key regulations that you should be aware of include:

1. The Health and Safety at Work etc. Act 1974: This is the main piece of legislation that sets out the general duties of employers, employees, and the self-employed to ensure the health and safety of people at work.
2. The Construction (Design and Management) Regulations 2015 (CDM Regulations): These regulations apply to all construction work, including roofing work, and set out the responsibilities of clients, designers, contractors, and others in relation to health and safety on construction projects.
3. The Work at Height Regulations 2005: These regulations apply to work that is carried out at height, such as roofing work. They require employers to ensure that work at height is properly planned, supervised, and carried out in a way that is safe and avoids the risk of falls.
4. The Personal Protective Equipment at Work Regulations 1992: These regulations require employers to provide appropriate personal protective equipment (PPE) to workers who need it, and to ensure that it is used correctly.
5. The Reporting of Injuries, Diseases, and Dangerous Occurrences Regulations 1995 (RIDDOR): These regulations require employers to report certain injuries, diseases, and dangerous occurrences that occur in the workplace.

It is important to be familiar with these and any other relevant regulations, and to have systems in place to ensure that you are complying with them. This will help to protect the health and safety of your workers and prevent accidents and injuries on the job site.



Certainly! Here is the risk assessment template with a more formal document layout:

Risk Assessment for Work at Height

Date: _____

Location: _____

Activity: _____

Hazards:

1. _____
2. _____
3. _____
4. _____
5. _____

Risk rating:

1. _____
2. _____
3. _____
4. _____
5. _____

Control measures:

1

Productivity improvements - meeting minutes –from jumbled notes

Here are my notes. Can you list all the actions that need to be taken? Can you list all the questions?
Can you turn the rest into a minutes document?



Chat PDF – summarise PDF docs

The screenshot shows a web browser window with the URL https://www.chatpdf.com/c/yz_Z-hvmp09aD5ZD5YQ-M. The page title is "Chat with Unpacking-the-hidden-middle_final-digital.pdf". On the left, a sidebar contains a "New Chat" button with the text "Drop PDF here" and a list of chat sessions: "CW500-CIO Predicitonsf or 2...", "Unpacking-the-hidden-middl..." (highlighted in blue), and "Understanding AI Technolog...".

The main chat area displays a system message: "Welcome to this helpful PDF file on digital skill gaps in the UK workforce! This report provides valuable insights and actions for businesses to take now to address this issue and improve productivity and prosperity." Below this, "Example questions:" are listed with blue arrow icons: "What are the top 10 workplace digital tasks that people struggle with?", "How does the report approach the data with a new lens?", and "What is the Essential Digital Skills Framework and how can it help businesses?". A blue input box contains the question: "What are the top 10 workplace digital tasks that people struggle with?".

The AI response states: "According to the report, the top 10 workplace digital tasks that people struggle with are identified in page 9. These tasks span all five areas of the Essential Digital Skills Framework and include:" followed by a numbered list:

1. Finding reliable information online
2. Completing online forms
3. Using collaboration tools (e.g. shared documents)
4. Using digital communication tools (e.g. email)
5. Storing and managing information securely
6. Solving technical problems
7. Creating and editing digital documents
8. Using social media for work purposes
9. Using specialist industry-specific software
10. Understanding and using data to inform decisions

Bard – integrating with Search and Voice

Bard will also let you do things like "plan a friend's baby shower", "compare two Oscar-nominated movies" or "get lunch ideas based on what's in your fridge".

Combine this technology with voice-based helpers like Google Assistant, and it isn't hard to see that we could soon be on our way to having computers that at least give the appearance of having artificial intelligence.

Alongside LaMDA, Google says it also has other AI models like PaLM, Imagen and MusicLM that could potentially create "entirely new ways to engage with information, from language and images to video and audio".



Bard is a next-gen Google Search that could change the way we use search engines and look for information on the web



DALL-E

AI system that can create realistic images and art from a description in natural language

EX) DESCRIPTION

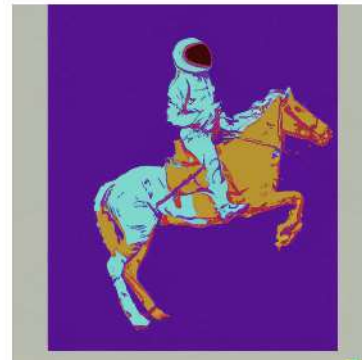
An astronaut riding a horse

in a photorealistic style

in the style of Andy Warhol



DALL-E 2

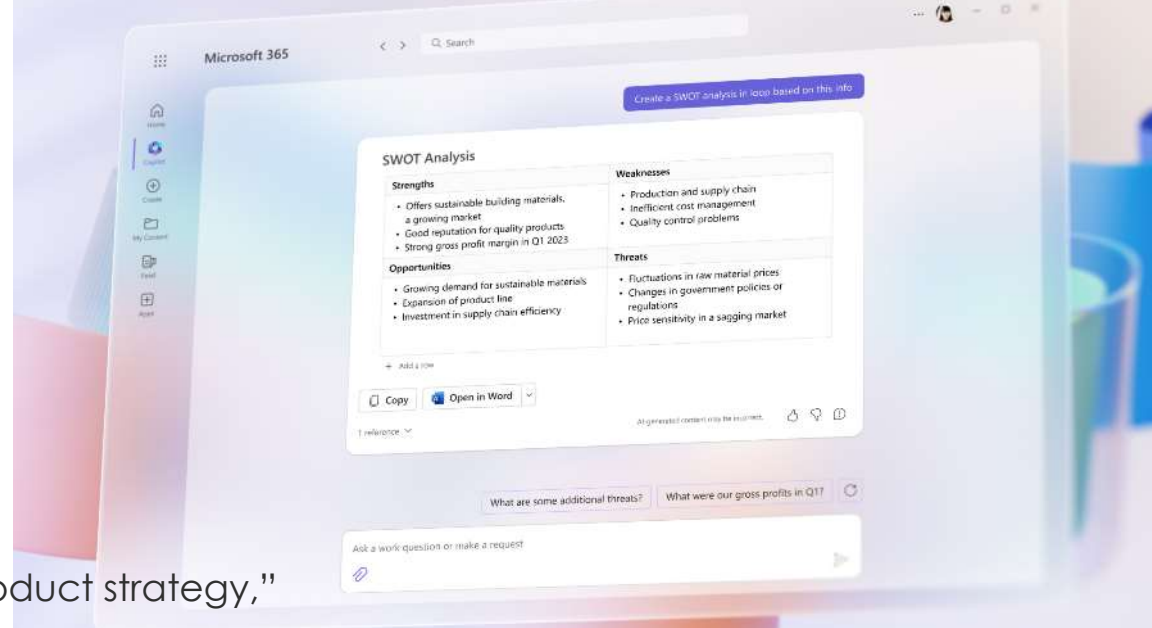




DITZER RILEY
THIRD CLASS



CoPilot



“Tell my team how we updated the product strategy,”

Copilot in Outlook helps you clear your inbox in minutes, not hours

Copilot in Teams. It can summarize key discussion points — including who said what and where people are aligned and where they disagree — and suggest action items, all in real time during a meeting.

Copilot in Power Platform, anyone can automate repetitive tasks, create chatbots and go from idea to working app in minutes.

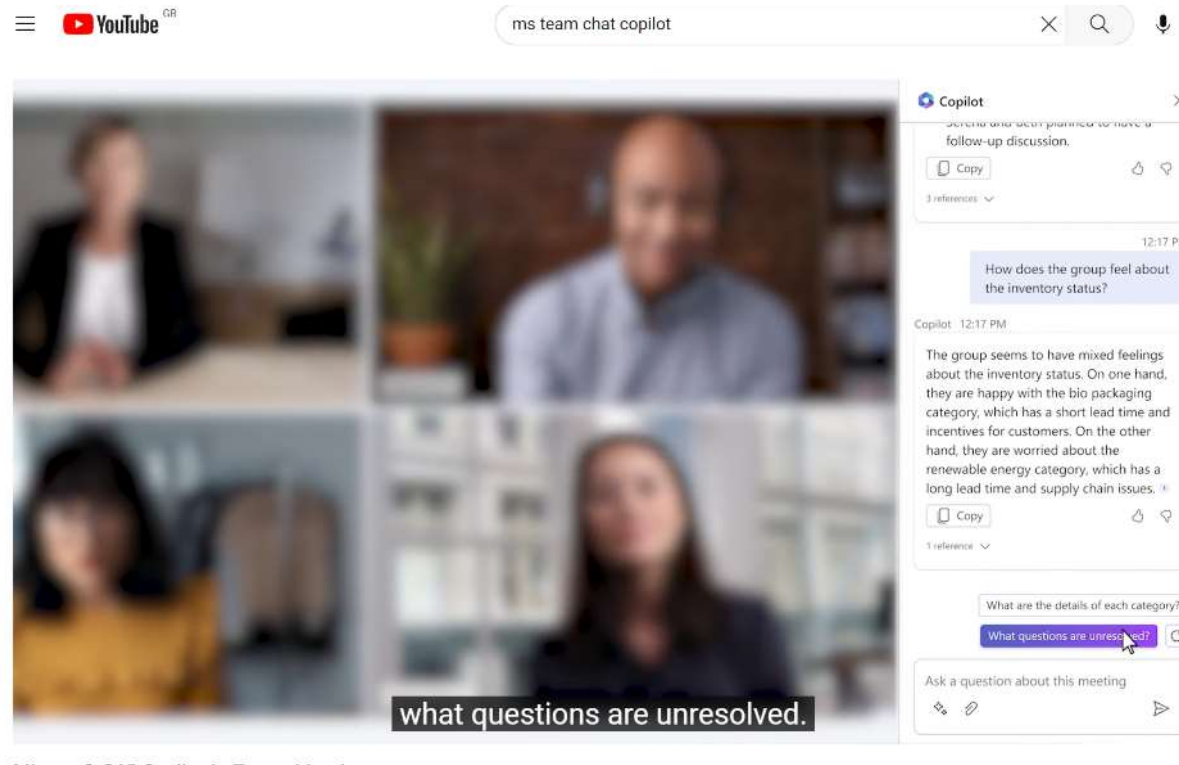
Copilot in Word -Copilot gives you a first draft to edit and iterate on — saving hours in writing, sourcing, and editing time.

Copilot in PowerPoint helps you create beautiful presentations with a simple prompt, adding relevant content from a document

Copilot in Excel, you can analyze trends and create professional-looking data visualizations in seconds.



CoPilot in MS Teams



Connecting LLMs to your business data -Microsoft 365 Copilot has real-time access to both your *content* and *context* in the Microsoft Graph. This means it generates answers anchored in your business *content* — your documents, emails, calendar, chats, meetings, contacts and other business data — and combines them with your working *context* — the meeting you're in now, the email exchanges you've had on a topic, the chat conversations you had last week — to deliver accurate, relevant, contextual responses.

[Microsoft 365 Copilot in Teams Meetings - YouTube](#)



Digital Leadership Programme.



Digital Leadership programme

- Explore **transformative technology** and identify ways to incorporate key principles into the organisation
- **Navigate new technology** driven processes disrupting your industry
- Identify key aspects of **business models to digitise** and test swift responses
- Develop methods to initiate digital transformation **around your service offering**
- Understand **staff training needs** and mind-shift changes for working in the digital age



METAVEVERSE HYPE CYCLE



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Driving Digital Transformation

- Programme of free training and support
 - Driving Digital Transformation 10 – 250 Employees < £45m t/o
- 5-part programme of support, with coaching and mentoring
 - 1: Digital Vision & Strategy: Introduction & overview: Digital Vision & Strategy, key drivers for transformation, organisation direction.
 - 2: Digital Technology: Introduction to key concepts and examples of emerging and enabling technologies. Develop a plan for utilisation of technology.
 - 3: Digital Culture: Developing organisational culture, people, innovation skills, knowledge, attitudes. Create a team of agile, flexible and creative staff.
 - 4: Digital Processes: Process improvements, utilising enabling technologies to improve productivity, project development, risk management. Develop Agile skills and innovation tools such as MVP, Bimodal and Design Blueprints.
 - 5: Projects: Presentations and assessments, peer review, action planning and celebration of learning outcomes.



Sign Up today



19/7/2023

20/09/2023

18/10/2023

22/11/2023

13/12/2023

930 - 330PM



Thank you.

