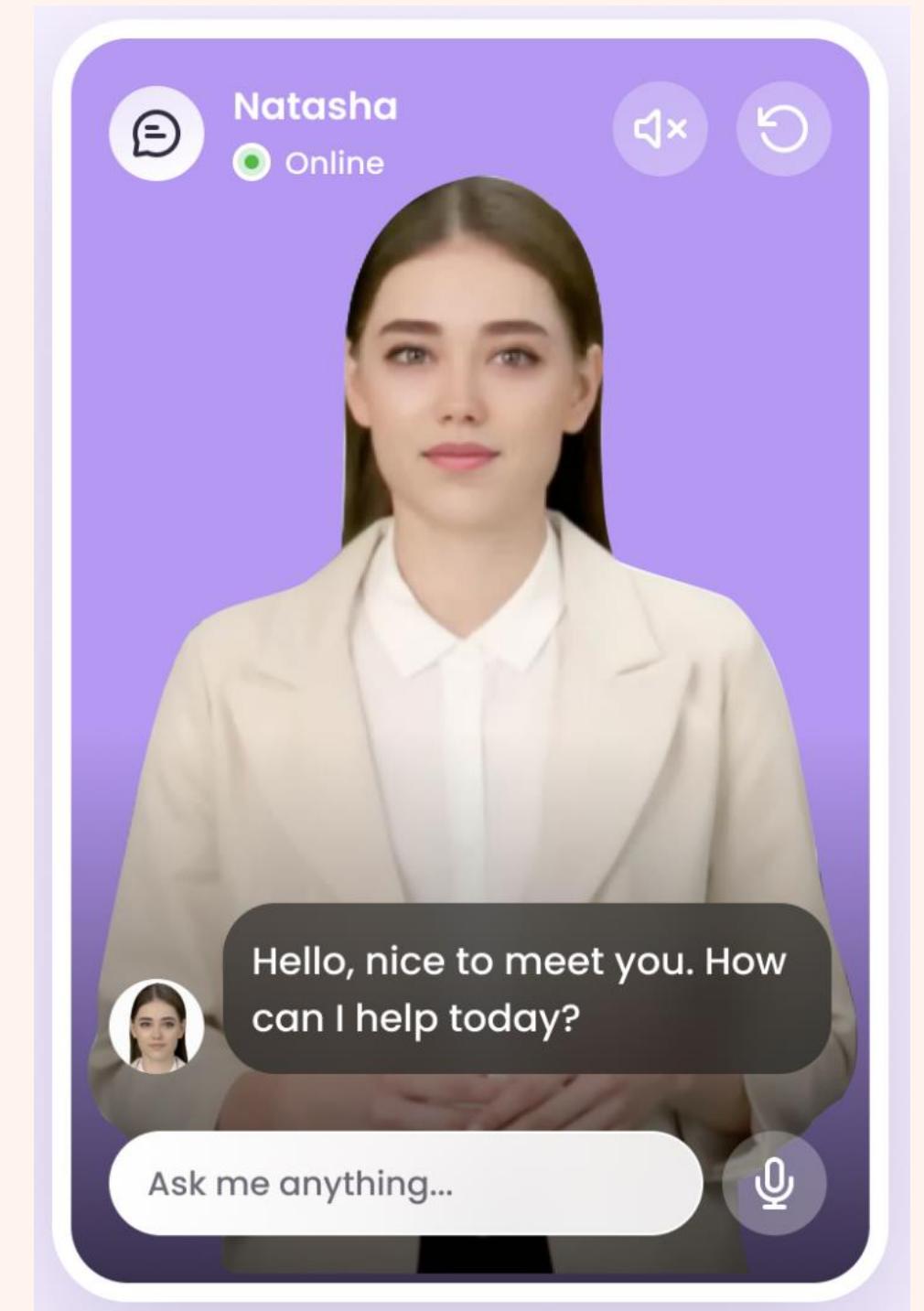


Navigating the Future: Yep AI's Journey in Generative AI Applications

Meng CHEN
Head of AI, Yep AI
<https://www.yepai.io/>



Agenda

Stage 3: Yep AI SaaS Platform



Yep AI SaaS

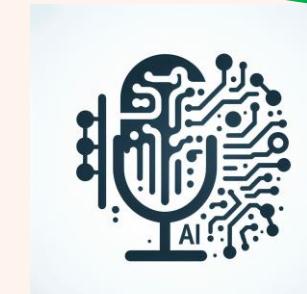
Stage 2: AIGC Capabilities



Yep News



Home Designer

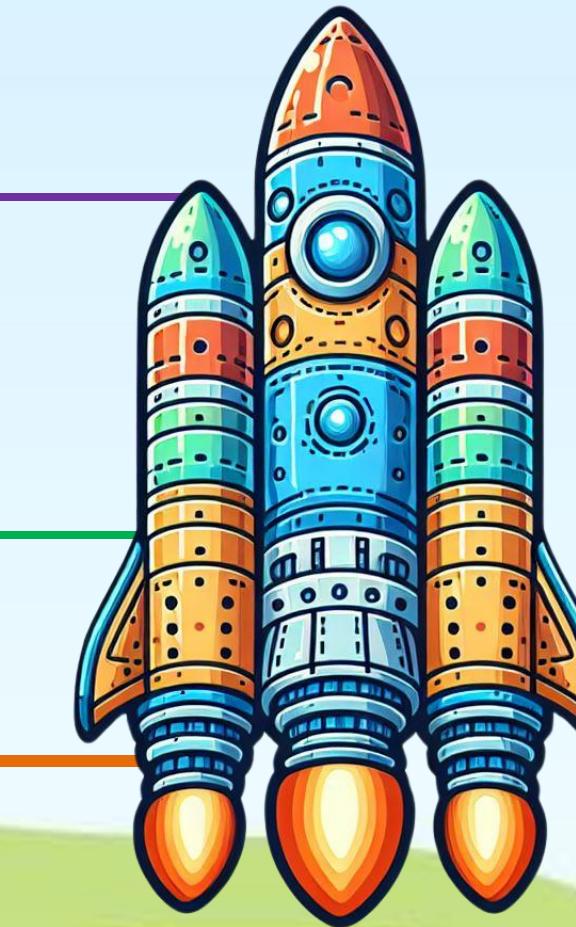


Voice Clone



AutoMV

3-Stage Rocket Mode



Stage 1: AI for Yep Home



Yep Bot



Yep Agent



GENERATIVE
AI

Tell me something about generative ai

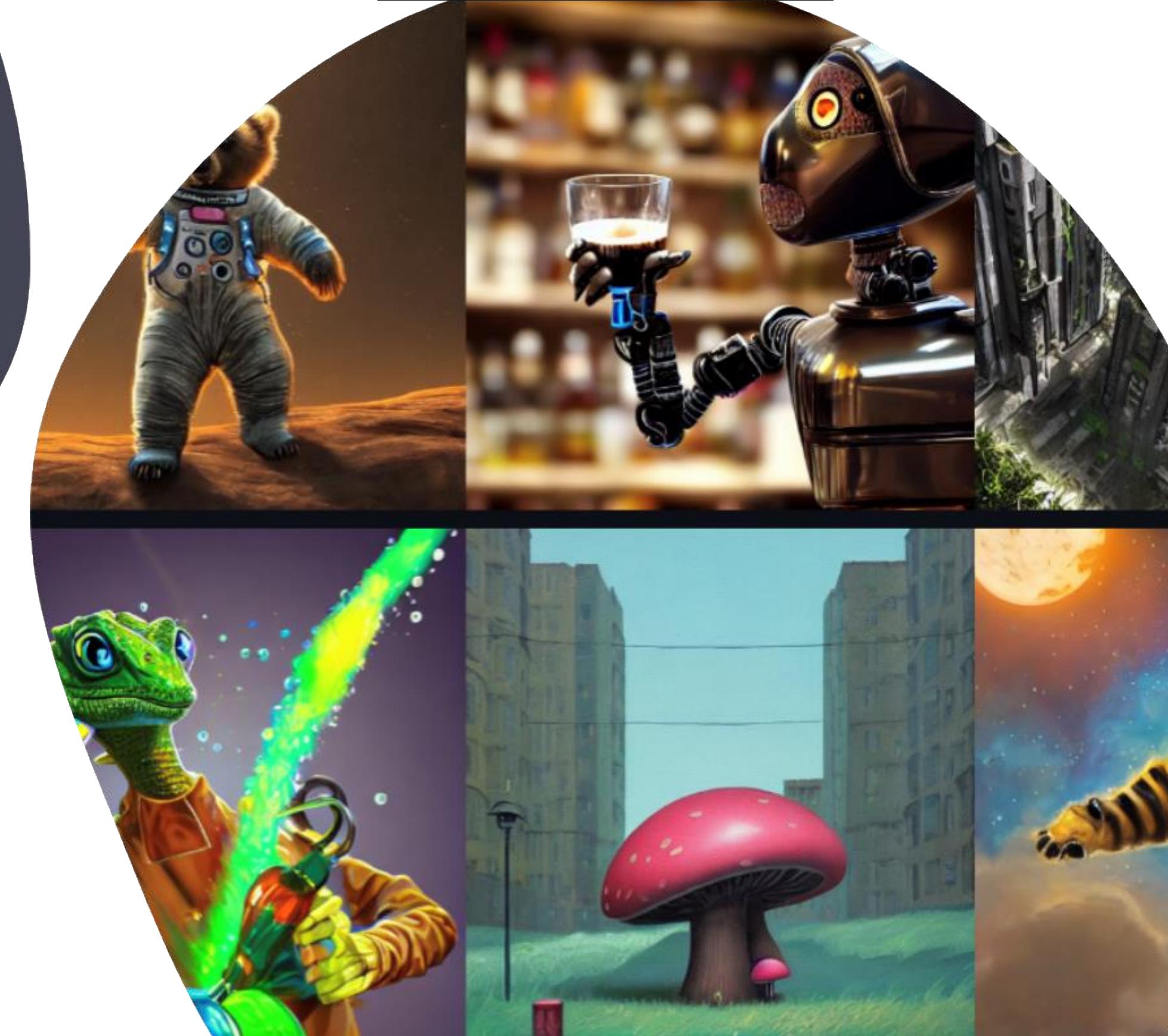


Generative AI refers to a class of artificial intelligence (AI) algorithms and models designed to generate new data that is similar to existing data. These models are used in various applications, including text generation, image synthesis, music composition, and more. One of the most notable developments in generative AI is the use of deep learning techniques, particularly generative neural networks. Here are some key aspects of generative AI:

1. **Generative Models:** Generative AI models are trained to learn the underlying patterns and structures within a dataset. They then use this knowledge to create new data samples that are statistically similar to the training data. Common generative models include Variational Autoencoders (VAEs), Generative Adversarial Networks (GANs), and autoregressive models like the Transformer architecture.
2. **Variational Autoencoders (VAEs):** VAEs are probabilistic generative models that learn to represent data in a lower-dimensional latent space. They are often used in tasks like image generation, where they can produce new images with similar characteristics to the ones they were trained on.
3. **Generative Adversarial Networks (GANs):** GANs consist of two neural networks, a generator, and a discriminator, that play a game against each other. The generator produces data that is indistinguishable from real data, while the discriminator

Large Language Model

Stable Diffusion



YepBot: Your Property Assistant



YEP.A.I BETA

[Leave feedback](#)

Hello property guru

Tell me how I can help you on your property journey...

Search

for the right property or homeloan

Are there any houses for sale in Richmond around 1 million?

Provide me with some home loan recommendations

Analyse

make more informed decisions

What is the advantage of investing in Yarra Bend?

I'm an overseas buyer, what homeloan is best for me?

Calculate

Different types of repayments and taxes

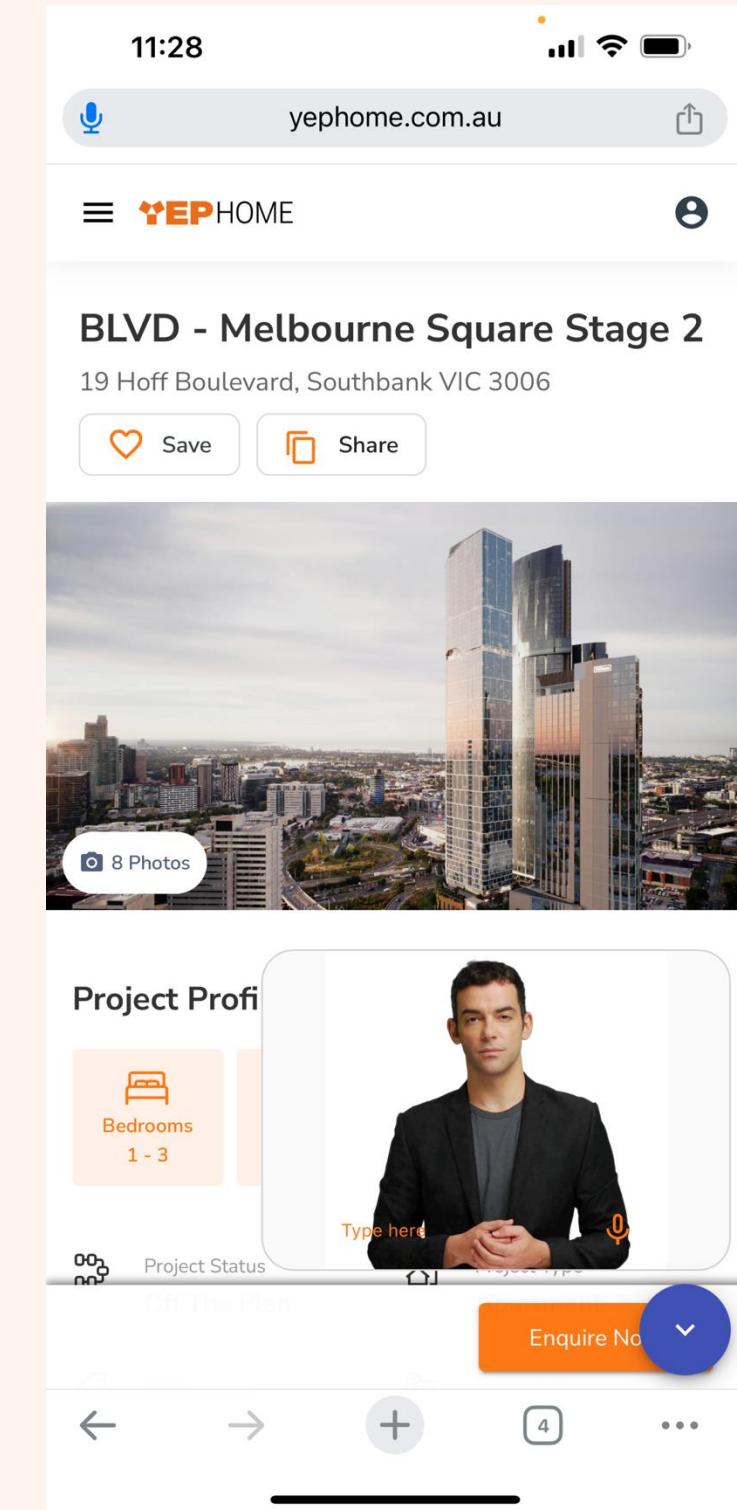
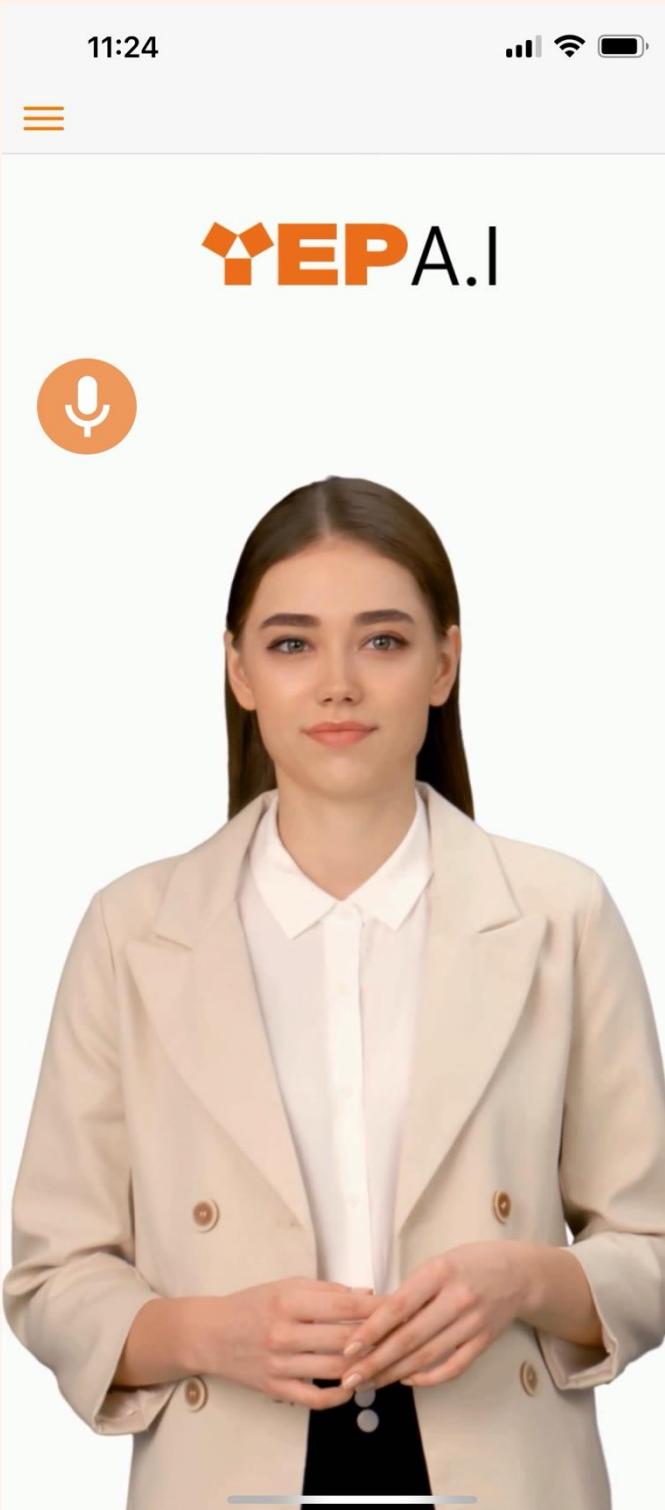
How much Land Tax would I pay for a property worth \$500,000?

What would my monthly repayments be for this homeloan?

Enter your message here... 

Have a try: <https://www.yephome.com.au/chat>

YepAgent: Virtual Property Agent



YepAgent: Virtual Property Agent



YEP HOME

New Homes Sold Virtual Tours Data Insights Professionals

BLVD - Melbourne Square Stage 2

19 Hoff Boulevard, Southbank VIC 3006

VIC / Southbank / BLVD - Melbourne Square Stage 2

8 Photos

Project Profile

Bedrooms Bathrooms Carspaces Sizes

Interested In
BLVD - Melbourne Square Stage 2 ?

YepNews: AI News Generation



Yep News Yephomes Chinese English Search

AI-Generated Insights into Australia's Real Estate Market

APR 15, 2024 NEWS, CHINESE

西悉尼新社区房屋建筑缺陷引发整改命令

对于那些潜在的房产买主来说，一个不安的消息从西悉尼的Melonba区传来：该区内的一批新建房屋因发现多项建筑缺陷而被下达整改令。新南威尔士州建筑委员会的检查官认定在十

Have a try: <https://news.yephomes.com.au/>

Home Designer: Design Your Dream House



AI HOME DESIGNER: DESIGN YOUR DREAM HOME

HAVE A TRY:

[HTTPS://LAB.YEPHOME.COM.AU](https://lab.yephome.com.au)

YEP HOME

Design your Dream House

Exterior Interior Audio Generate

Select your designs!

Chosen Chosen Chosen Chosen

Chosen Chosen Chosen Chosen

Chosen Chosen Chosen Chosen



HOME

AutoMV: AI Video Generation



Generate New Video

Please select and upload all images at once. You can select multiple images by holding down the 'Shift' key or 'Ctrl' (or 'Command' on Mac) while selecting files.

Property Description
Please enter the description of the property advantages

Ground floor offering front entrance hall, Study nook, Huge Master Bedroom with full ensuite and under cover balcony, Second Large Bedroom with adjoining bathroom, Wall-to-wall Mirrored Built in Robes, full ensuite and balcony

Property Intro Text
Please enter the information to show in the intro
3/47 Wheeler Street, Ormond VIC 3204

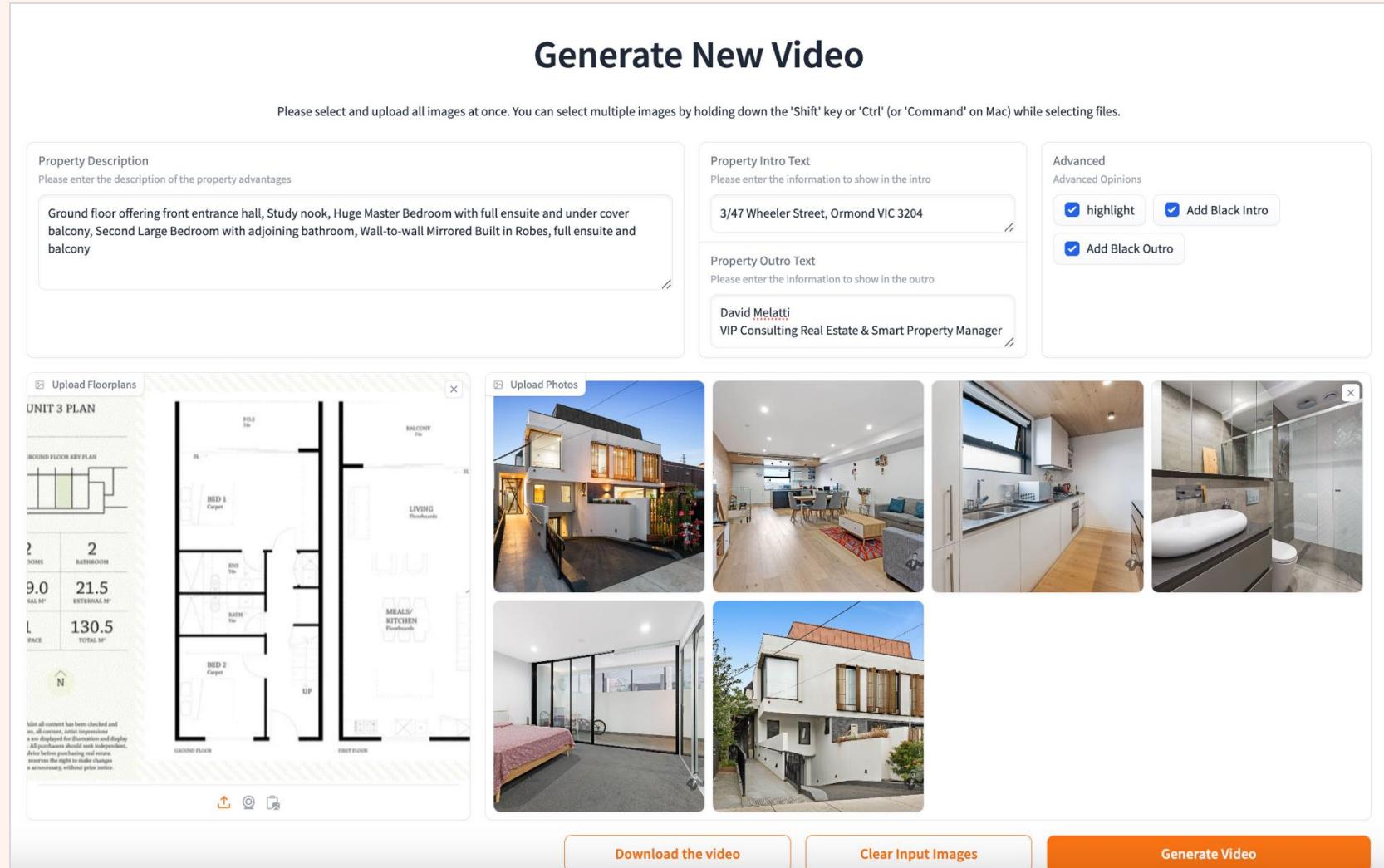
Advanced
Advanced Opinions
 highlight Add Black Intro
 Add Black Outro

Property Outro Text
Please enter the information to show in the outro
David Melatti
VIP Consulting Real Estate & Smart Property Manager

Upload Floorplans
UNIT 3 PLAN
GROUND FLOOR KEY PLAN
2 BEDS 2 BATHROOMS 9.0 x 21.5 TOTAL M² 130.5
FLOOR PLANS
N

All content has been, the building and its dimensions, area measurements and display areas are displayed for illustration and display purposes only. All content is subject to contract and sale before purchasing real estate. Owners are responsible for the rights and obligations of the property. This is a computer generated printout and is not a legal document.

Upload Photos



Have a try: <https://automv.yepai.com.au/>



Kuizong Wu, Shaozu Yuan, Chang Shen, Neo Xu, Meng Chen, AutoMV: An Autonomous Agent Framework for Real Estate Marketing Video Generation, AAAI 2025 Demo Track (accepted)

Marketing Video Generation

YEP AI



Yep AI SaaS Platform



Installation

AI Agent Digital Human

Embed the Bot

Paste the code snippet below in your HTML code where you want to display the YepAI chatbot.

```
<script src='https://widget.yepai.io/chat-widget.js' async  
data-assistant-id="assst_uE98CMuKF9hcHILivu7KPJso"  
data-type="chatbot"  
data-position="right"  
data-user-id="911504135012806656"  
data-origin="https://chat-bot-backend-preview-prod.reg-ce0.workers.dev">  
</script>
```

The interface shows a digital human AI agent named Bella, who is online. She is wearing a light-colored blazer over a white shirt. A message bubble from her says, "Hey there, how can I help you?". There is also a text input field with the placeholder "Ask me anything..." and a microphone icon.

AI Agent Digital Human

Free Plan Manage Plan

Uploaded Documents
1/10

Used Messages
0/150

No. of Links
0/5

No. of FAQs
0/20

Upgrade

Training Material All Documents Links FAQs

Have a try: <https://bot.yepai.com.au/>

Real-time Talking Avatar



Product FAQ Use Cases ▾ Pricing ▾

Login

Book Demo

Get Started

Get more leads and higher engagement with YepAI Agent

Simply drag and drop your product knowledge base, and watch AI boost leads and convert visitors with personalised support, enhancing customer satisfaction.

Get started for free

No credit card required

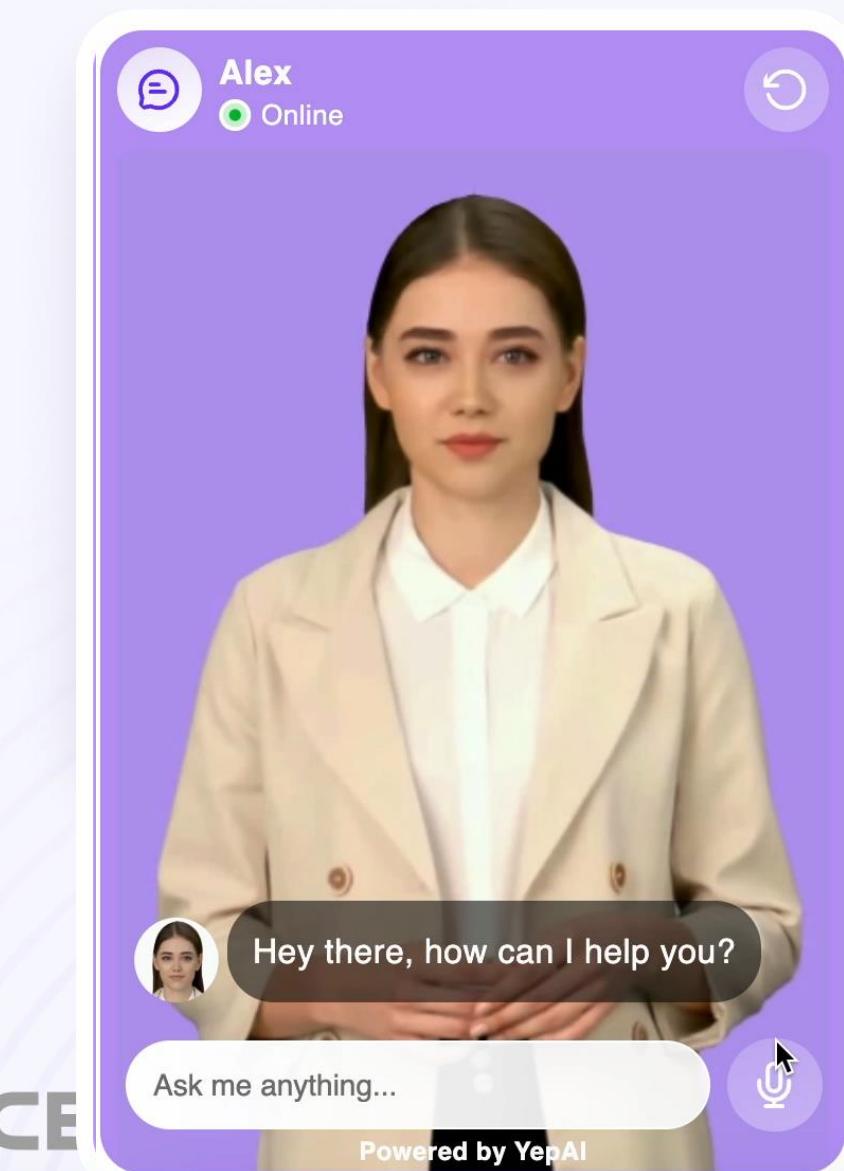
Trusted partners



Colliers



CE



Have a try: <https://www.yepai.io/ai-agent>

What's Next?

- Transition the real-time talking avatar from a pipeline-based architecture to an end-to-end framework, enabling seamless video input and output.
- Augment the virtual assistant's functionality by integrating advanced language agent capabilities, including functional calling, planning, and reasoning.
- Customize the agentic avatar for diverse industries, ensuring it becomes both practical and impactful for various applications.

Thanks!