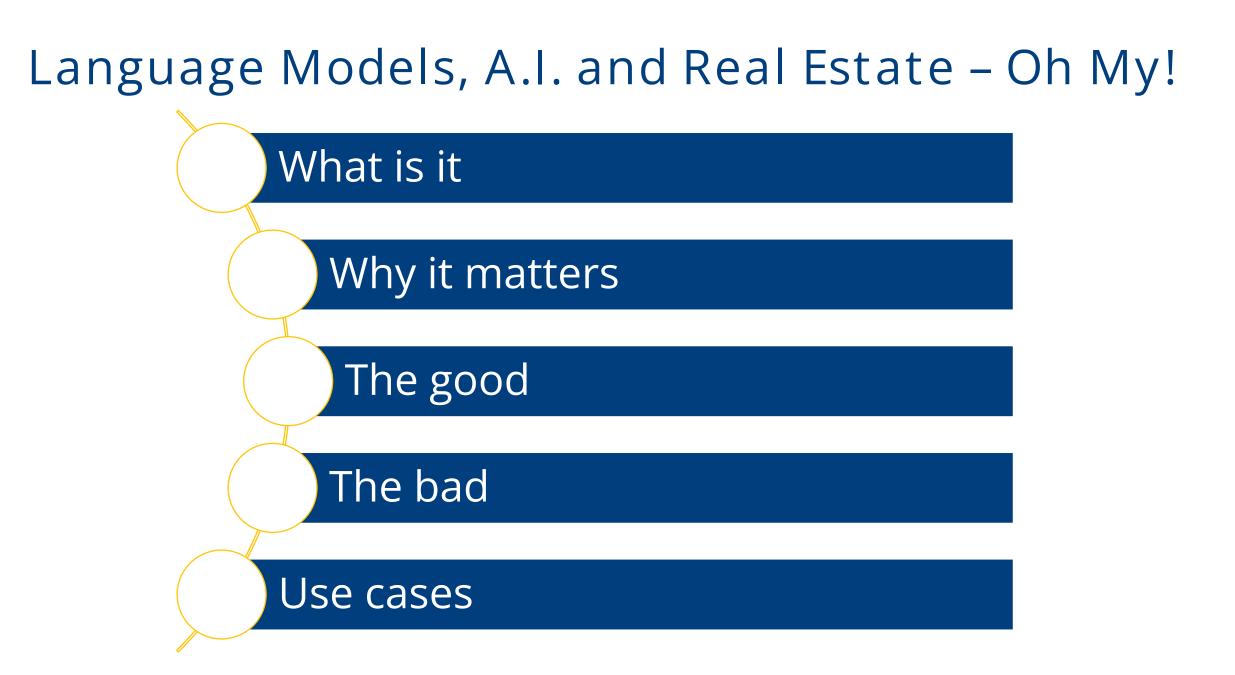
REAL ESTATE AND CHAT GPT/A.I.

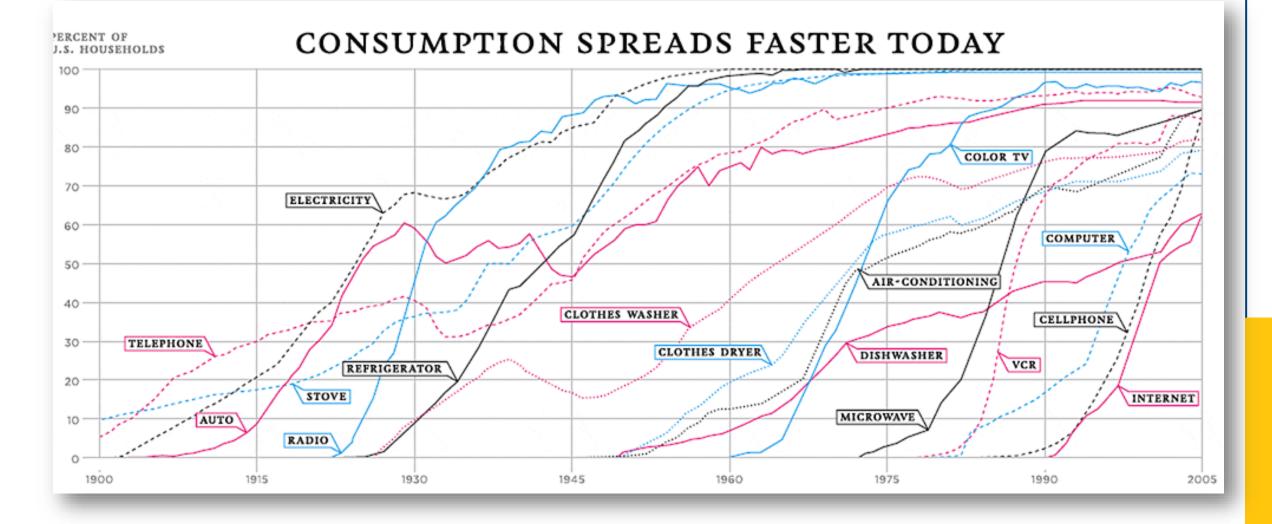
Presented by Andy Hunt Vieth Director for the Center for Real Estate 12th annual Marquette University Real Estate Strategies Conference May 3, 2023



BE THE DIFFERENCE

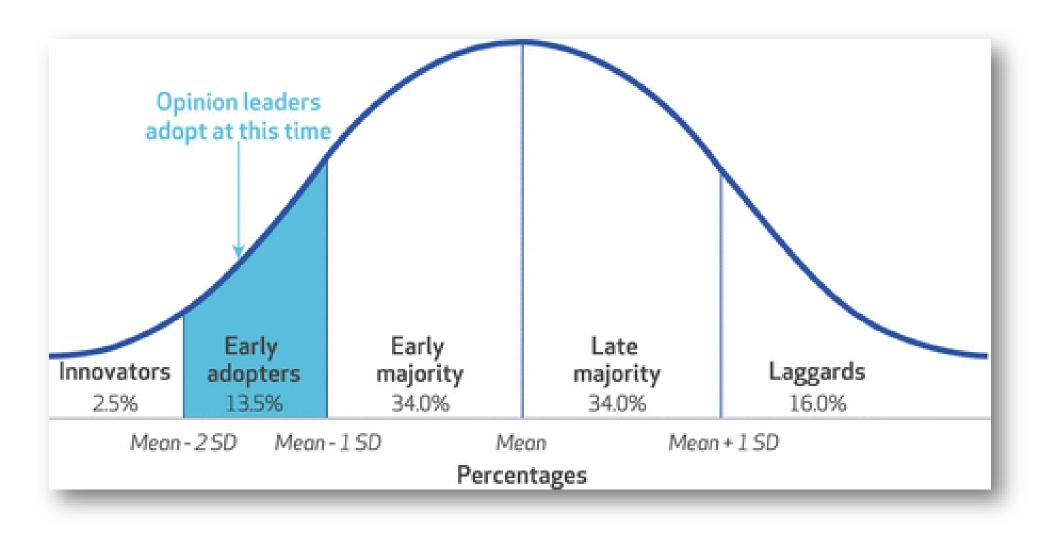


Technology adoption speeds up

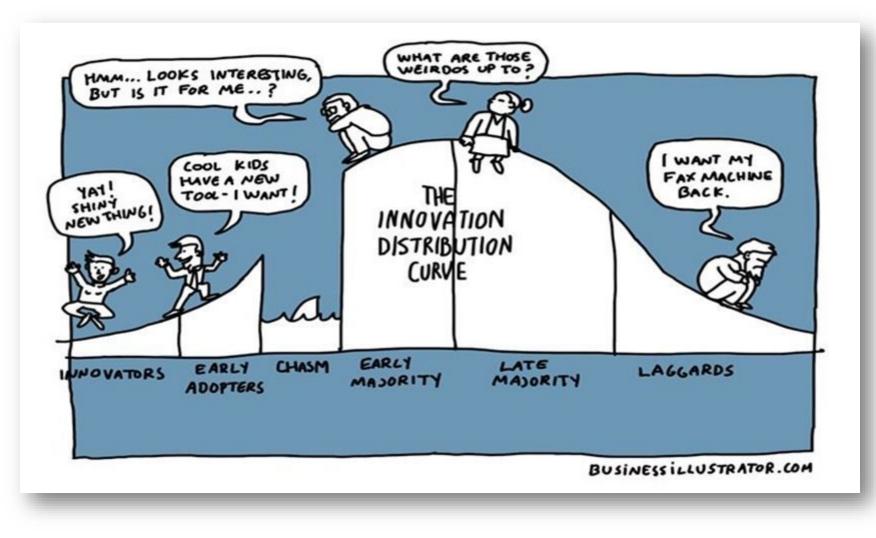


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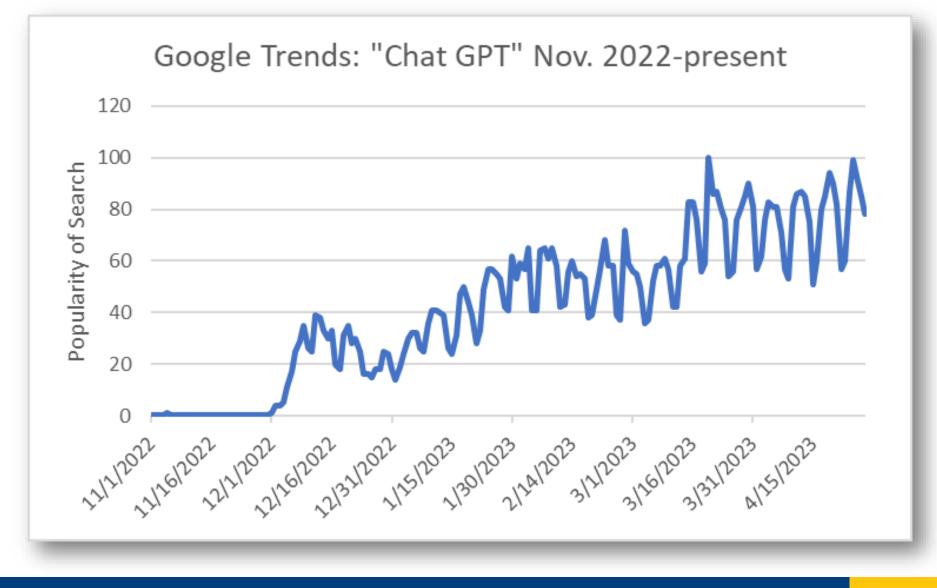
Diffusion of innovation theory



Diffusion of innovation theory



A.I. enters the "chat"



What is Chat GPT?

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		D Al Chatbot fo	r Conversations.	
တြာ OpenAl	Research - Product - Developers - Safety Company -		nguage mode	
			lage Model	->̈̈́̈́̈́;-
		ChatGPT	ates respons	Examples
		We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for	ler Ad vice.	"Explain quantum computing in simple term: →
		ChatGPT to answer follow-up questions, admit its mistakes,	onals Day Wis	
		challenge incorrect premises, and reject inappropriate requests.	uls	"Got any creative ideas for 10 year old's birthday?"→
		Try ChatGPT 2		"How do I make an HTTP
		Read about ChatGPT	ference Prom	request in Javascript?"→
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				Free Research Preview. ChatGPT may
			-	

ChatGPT

+ New chat

D Milwaukee: Important Facts.

	-ờ́- Examples	4 Capabilities	 Limitations
	"Explain quantum computing in simple terms" →	Remembers what user said earlier in the conversation	May occasionally generate incorrect information
	"Got any creative ideas for a 10 year old's birthday?" →	Allows user to provide follow-up corrections	May occasionally produce harmful instructions or biased content
	"How do I make an HTTP request in Javascript?" →	Trained to decline inappropriate requests	Limited knowledge of world and events after 2021
s	end a message.		

What is Chat GPT?



What is chat gpt?



ChatGPT is a large language model developed by OpenAl based on the GPT (Generative Pre-trained Transformer) architecture. It is designed to generate human-like responses to natural language queries and conversations.

AP

ChatGPT has been trained on a massive corpus of text data, allowing it to generate coherent and contextually appropriate responses to a wide range of inputs. It is capable of understanding and responding to a diverse set of topics, from everyday conversations to complex scientific or technical discussions.

As an AI language model, ChatGPT is not a physical entity, but rather a software program that can be integrated into various applications to provide conversational interfaces.

How does Chat GPT relate to A.I.?



How does artificial intelligence relate to chat gpt?



ChatGPT is an example of artificial intelligence (AI) that utilizes natural language processing (NLP) to enable human-like communication between machines and humans. It is built on the GPT (Generative Pre-trained Transformer) architecture, which is a type of deep learning algorithm that can generate coherent and contextually appropriate responses to text-based inputs.

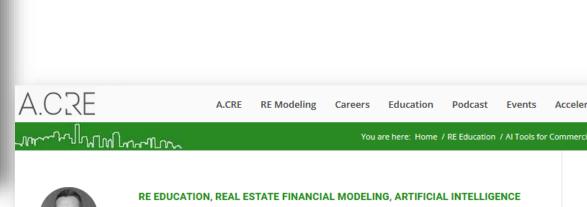
C A P

In other words, ChatGPT is a form of AI that is specifically designed for conversational interactions. It uses sophisticated algorithms and language models to understand the meaning and context of human language, allowing it to generate appropriate and relevant responses to a wide range of queries and statements.

Overall, artificial intelligence and ChatGPT are closely related because ChatGPT is an example of how AI can be applied to natural language processing tasks, such as conversational agents, chatbots, and virtual assistants, to improve the quality and efficiency of human-machine interactions.

Positives: Efficiency... and happiness?

Shakked Noy and Whitney Zhang, doctoral students at M.I.T., conducted a <u>randomized</u>, <u>controlled trial</u> on experienced professionals in such fields as human relations and marketing. The participants were given tasks that typically take 20 to 30 minutes, like writing news releases and brief reports. Those who used ChatGPT completed the assignments <u>37 percent faster</u> on average than those who didn't — a substantial productivity increase. They also reported a 20 percent increase in job satisfaction.

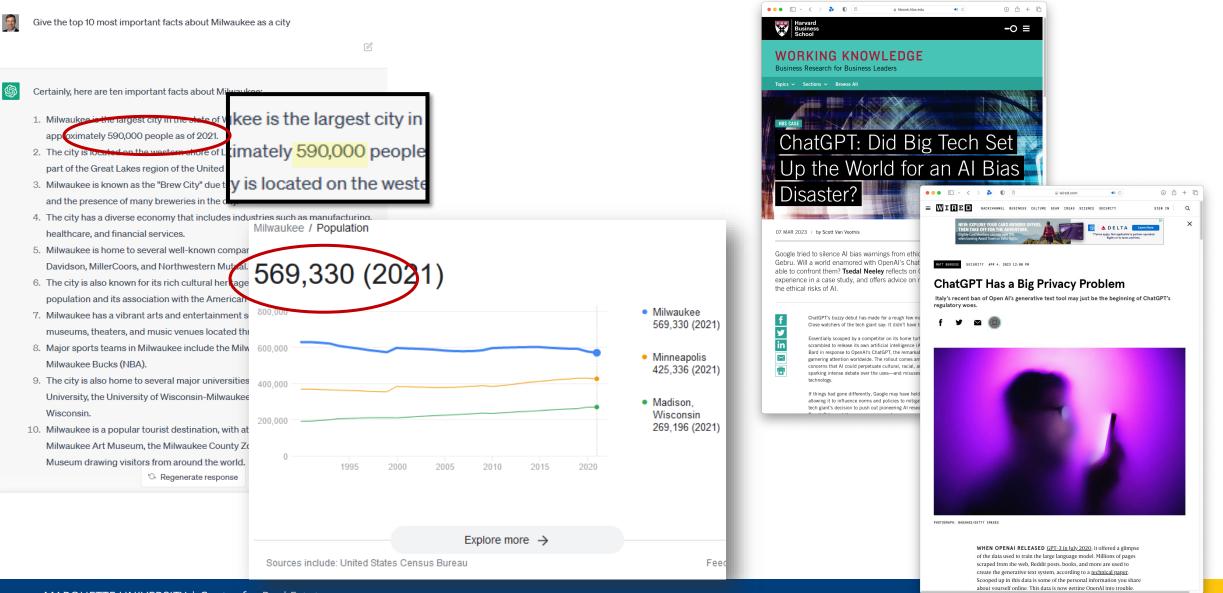




AI TOOLS FOR COMMERCIAL REAL ESTATE (MAY 2023 EDITION)

If you haven't noticed, we've been playing around with AI a lot lately at A.CRE! The reason is that Artificial intelligence (AI) is poised to revolutionize the commercial real estate industry by transforming the way acquisitions, development, management, advisory, and marketing teams in the industry operate. AI tools are enabling CRE teams to process vast amounts of financial data, automate repetitive tasks, repackage existing content in more palatable formats, and gain valuable insights that can inform strategic decision-making.

Downsides: Inaccuracies, Bias, more...



Possible Uses

Write drafts of:

- LOI's
- Listing Agreements
- Offers to Purchase
- Prospect letters
- Welcome letters
- Cold-calling scripts
- LinkedIn posts
- Press releases
- Mass email subject lines
- Speeches
- Much, much more...

Create a lease agreement for a duplex property at the address 1530 W. Wisconsin Avenue, Milwaukee, WI 53233.

LEASE AGREEMENT

This Lease Agreement ("Agreement") is made and entered into on this ___ day of ____, 20, by and between the landlord, ______ ("Landlord"), and the tenant, ______ ("Tenant"), collectively referred to as the "Parties", for the lease of the duplex property located at 1530 W. Wisconsin Avenue, Milwaukee, WI 53233, hereinafter referred to as the "Property".

- TERM: The term of this Agreement shall commence on ______, 20, and shall terminate on ______, 20, unless otherwise extended or terminated in accordance with the terms and conditions of this Agreement.
- RENT: Tenant shall pay to Landlord the sum of ______ dollars (\$_____) per month as rent for the Property. Rent shall be paid on the ____ day of each month in advance. Tenant shall pay rent to Landlord at the following address:
- 3. SECURITY DEPOSIT: Tenant shall deposit with Landlord the sum of _______dollars (\$_____) as a security deposit to be held by Landlord to secure Tenant's faithful performance of the terms and conditions of this Agreement. The security deposit shall not be used by Tenant as payment of rent. Within twenty-one (21) days after the termination of this Agreement, Landlord shall return the security deposit, less any deductions for damages caused by Tenant beyond normal wear and tear, unpaid rent, or other amounts due under this Agreement.
- 4. USE OF PROPERTY: The Property shall be used solely for residential purposes and shall not be used for any other purposes without the prior written consent of Landlord. Tenant shall comply with all laws, ordinanc Stop generating ions relating to the use of the

Send a message.

•

Prompt engineering?

Prompt Type	Prompt Example
Basic	What is a cap rate?
Qualifiers	 Bullet Points: Only respond in bullet points Tables: Respond to this question by putting your answers in a table Simplify: Respond as if you were explaining this to a 10 year old List ("Top X"): Give me the top 7 reasons for
Roleplaying	You are an executive sales coach. Give me some examples of the best sales tactics for closing a prospect I've been working with for several months.
Examples	Provide examples of what you're looking for, then ask the chatbot to respond with a similar result:

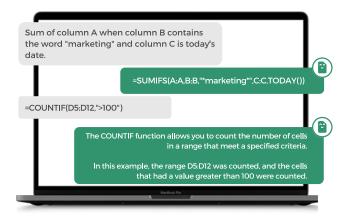
Explain how a cash flow waterfall works when investing in real estate with partners. Respond as if speaking to someone at a 5th grade reading level. Respond in a concise way in 5 bullet points.

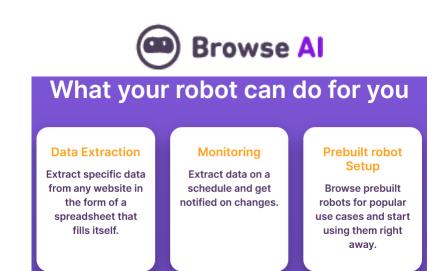
3

- Sure, I can explain the cash flow waterfall in real estate investing in a simple way! Here are five key points:
 - When people invest in real estate together, they often form a partnership called a "syndication".
 - The cash flow waterfall is a plan that outlines how money from the real estate investment will be distributed among the partners.
 - The plan usually prioritizes paying back the initial investment (called "return of capital") before any profits are distributed.
 - Then, profits are typically split between the partners according to a predetermined percentage, with some partners getting a larger share than others.
 - Finally, any remaining profits are distributed among the partners according to the same percentage split as before.

Other Real Estate AI Tools

excelformulabot







Professional studio quality headshots, powered by Al

Need a LinkedIn photo, acting headshots, or even new dating profile pics? Save time, money and get portrait studio quality photos created by Al!



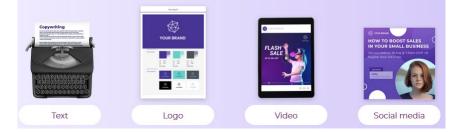
Photo you provide He

Headshot examples you get back



Create logos, videos, banners, mockups with A.I. in 2 minutes

What would you like to create with Designs.ai?





Broadcast 1.4 Update NVIDIA Broadcast 1.4 Adds Eye Contact and Vignette Effects With Virtual Background Enhancements



Drop PDF here

What's next for A.I. and Real Estate?

Proprietary data + A.I. language models

Risks + bad actors

New frontier = Increased efficiency

THANK YOU

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