



# TEACHING OPPORTUNITIES USING CHAT GPT IN A REAL ESTATE FINANCE CLASS

19<sup>th</sup> ERES Education Seminar

ARTIFICIAL INTELLIGENCE IN THE CLASSROOM: NEW RENAISSANCE OR  
DARK AGE?

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# AGENDA

Introduction

Chat GPT and real estate investors

How to teach by using chat GPT

Conclusion

# INTRODUCTION

Main issues related to technology in education

## Main critiques

- Over-Reliance on Technology
- Reduced Focus on Fundamentals
- Limited Understanding of Concepts
- Cost and Accessibility
- Testing and Standardized Assessments
- Lack of Real-World Application
- Lack of Problem Solving without IT tools

Are those critiques  
related to AI and CHAT  
GPT?



They could be but they  
are not

Topic



Introduction of scientific calculator  
National Council of Teachers of  
Mathematics – 1975

# AGENDA

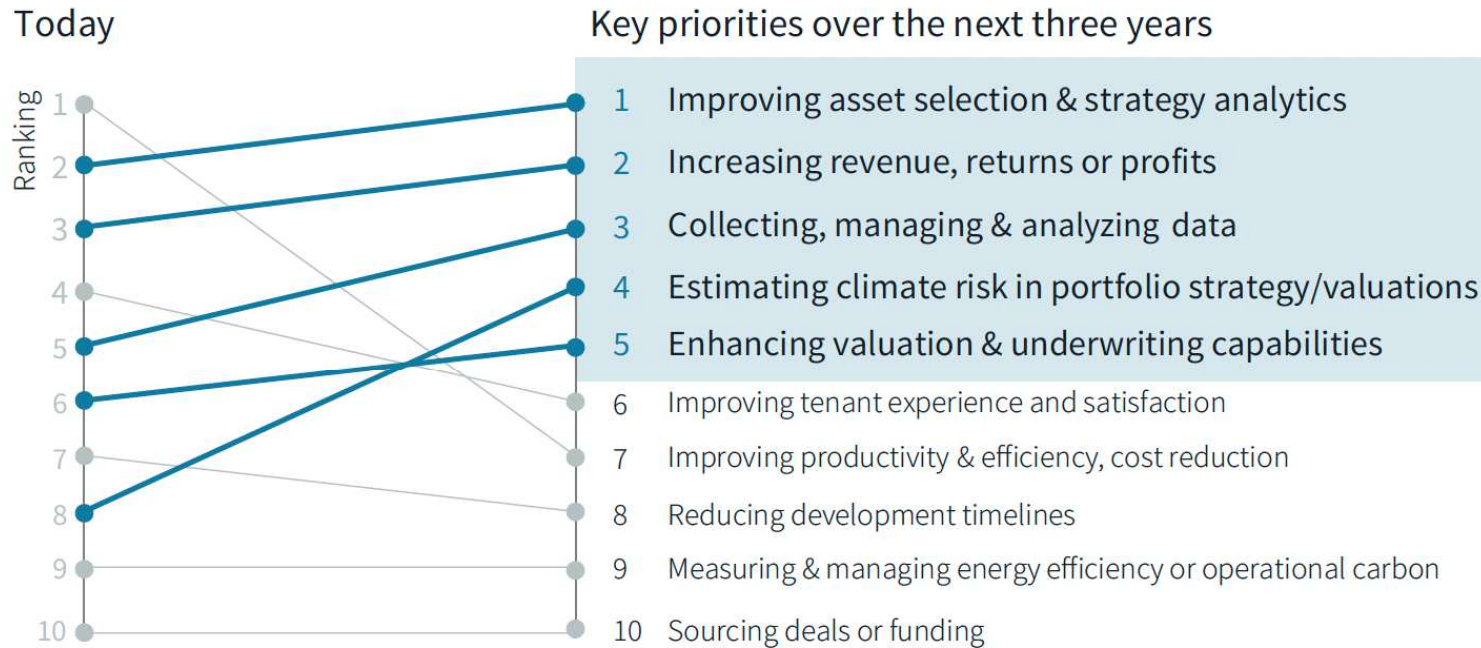
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# CHAT GPT AND REAL ESTATE INVESTORS



Q: Which are the three primary reasons your company invests in or adopts technology today vs. in three years?



# CHAT GPT AND REAL ESTATE INVESTORS

## Technology Rank by Expected Impact

1. Clean energy solutions
2. Machine Learning & AI analytics
3. Generative AI
4. Low-carbon materials & construction
5. Cloud & edge computing
6. 5/6G
7. AR/VR
8. Robotics
9. Mobility solutions
10. Blockchain / smart contracts

What emerging technology do you expect to have the greatest impact on real estate over the next three years?

## Rank by Level of Knowledge

1. Cloud & edge computing
2. Mobility solutions
3. AR/VR
4. 5/6G
5. Blockchain / smart contracts
6. Clean energy solutions
7. Low-carbon materials & construction
8. Robotics
9. Machine Learning & AI analytics
10. Generative AI

What is your current level of understanding of these technologies?



# CHAT GPT AND REAL ESTATE INVESTORS

August 1<sup>st</sup> , 2023 – Announcement of the first large language model purpose-built for the commercial real estate (CRE) industry

Target: 103,000+ employees

Specifics: in-house data + external CRE data

Examples of usage opportunities: building efficiency, 3D visualization, sustainability risks, **investment reports**



## Focus on capital markets and investments:

- Real time short reports for quick reply
- First draft of reports
- Prompting for specific data collection



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# HOW TO TEACH BY USING CHAT GPT

A teaching experience with AI:



Major in Real Estate Finance

Basics of Real Estate

Academic year: 2023-2024

12 students

Law, economics, engineering, and architecture

21 hours in class + study hours

Group assignment and written test in class



# HOW TO TEACH BY USING CHAT GPT

The main choices are related to

Topic

Focus

Remote activities

Group projects

Time management



DO'S



DON'TS

# HOW TO TEACH BY USING CHAT GPT

Main pros and cons related to AI

- Time management
- Prompting without coding experience
- Applied analysis on data
- Class with a different background



- Cheating
- Evaluation criteria for assignments and exams
- Type of exams
- Type of assignments
- Teaching room requirements

# HOW TO TEACH BY USING CHAT GPT

## Ethics

- Legal and ethical issues
- Data and information bias
- Value added from the user
- Originality
- Disclosure of AI usage



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# CONCLUSION

Chat-GPT and other AI solutions are currently used by the real estate industry and the job profiles are changing due to technology education.

Higher education is expected to introduce in (some) courses the AI in order to train students in using the new technology and use it ethically when is needed or useful.

The new teaching approach based on AI requires to revise not only the examination rules but also the structure of the lectures, the topics, the assignment types, and the time management.

Instructors are expected to be trained in order to use the new technology and it will require several years.

# CONTACTS

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