



# Affordable Housing and AI

Olivia Nielsen

# What can AI do today?

- Generative A.I.s can already answer questions, write poetry, generate computer code and carry on conversations.
- Generative AI can help you write your housing report or create photos.
- AI can help analyze data and provide answers to your questions.

# A poem by Chat GPT

A vision bold, a world anew,  
Homes for all, not just a few.  
From distant lands to bustling streets,  
A place for all, where hearts can meet.

With every nail, and brick, and beam,  
A promise held, a future's dream.  
Together we strive, with love we build,  
A world transformed, our vision fulfilled.



**AI could be leveraged to lift people out of poverty and put them on the housing ladder**



**AI can help  
build better and  
more  
sustainable  
homes to  
mitigate climate  
change**

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AI could help us conceive new ideas and building typologies



# AI could help us solve policy questions faster

## Question to Chat GPT: how to make housing more affordable?

Although numerous strategies can be employed to address the global housing crisis, three key solutions stand out as particularly effective:

- 1. Supportive policies and regulations:** Governments play a crucial role in creating an environment conducive to affordable housing development. By implementing policies that incentivize the construction of affordable units, reforming land-use regulations and zoning laws, and promoting public-private partnerships, governments can foster an environment where affordable housing can thrive.
- 2. Innovative financing and housing models:** Developing new financing models, such as low-interest loans, grants, and housing vouchers, can make housing more accessible to low-income households. Additionally, embracing alternative housing models like community land trusts and cooperatives can help ensure long-term affordability and maintain community control over housing resources.
- 3. Utilizing technology and sustainable construction:** Adopting advanced construction techniques, innovative materials, and sustainable practices can reduce construction costs, making housing more affordable. Examples include prefabricated and modular housing, energy-efficient designs, and the use of renewable energy sources. These approaches not only make housing more affordable but also contribute to environmental sustainability.

# AI has the potential to change housing as we know it

- A global market overview of housing AI will change the industry
- AI for global housing resilience and affordability
- AI for housing refugees and IDPs



But there are many risks and we need to move forward with caution.





**miyamoto.**