

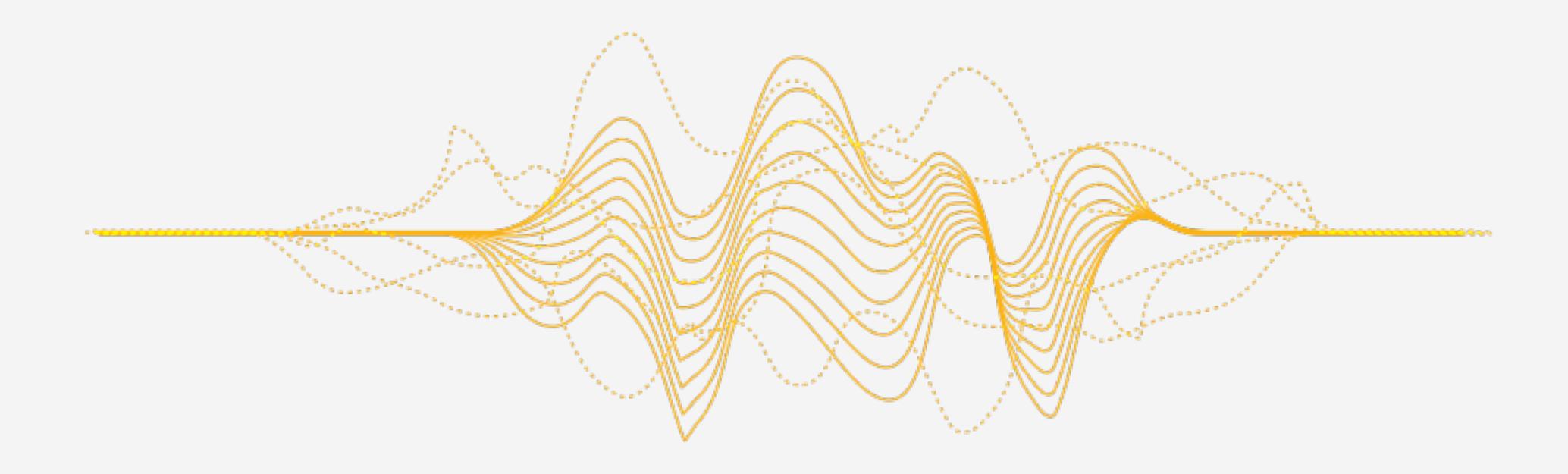
Using A.I. and Images to Grow your Business

Dominik Pogorzelski

VP of Product Management







"Hi Dominik, what can I help you with?"





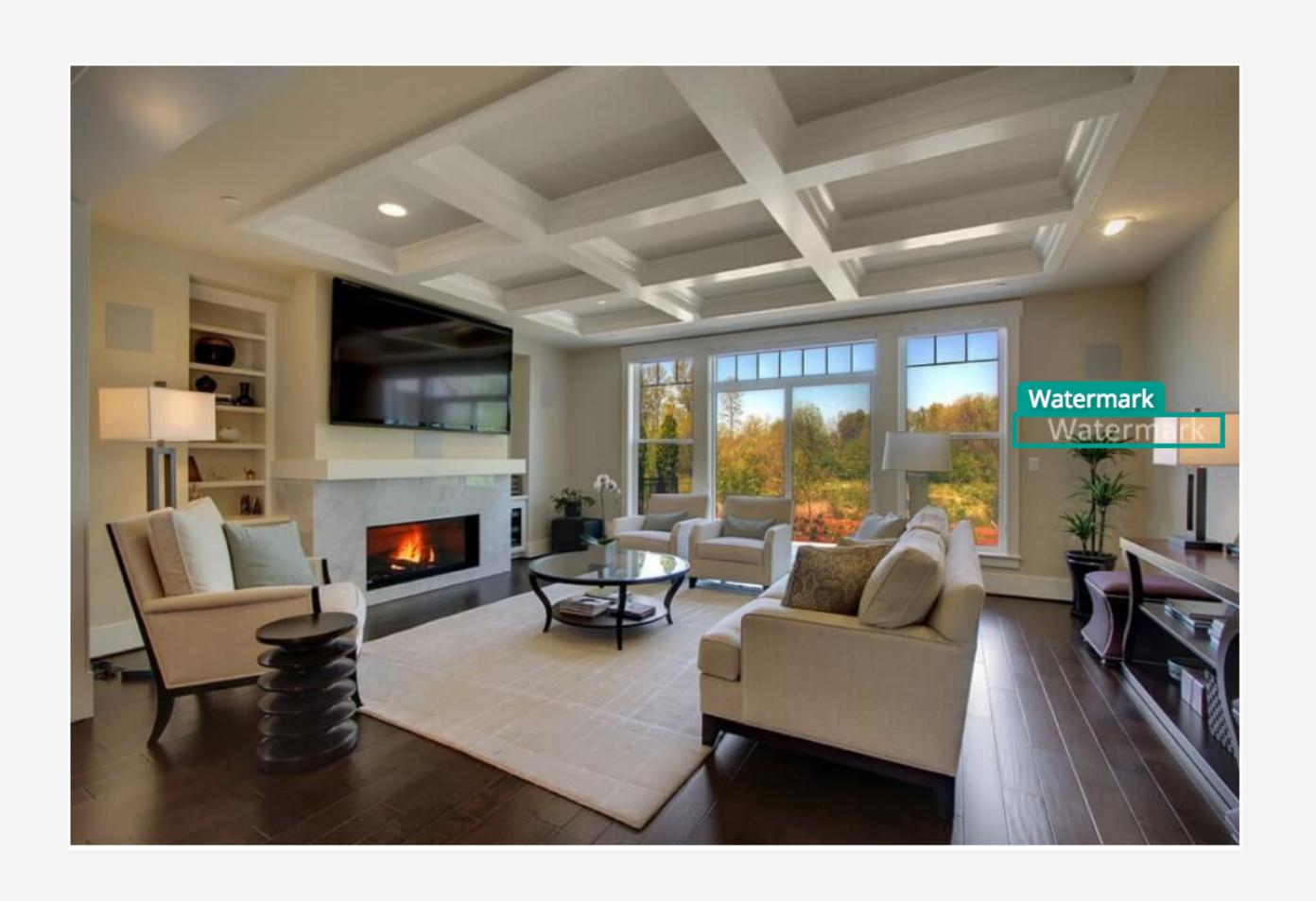


"Sounds lovely, here are some houses I found with your dream kitchen and a fireplace"

What is Computer Vision?



A.l. can automatically detect specific information inside images





ROOM TYPE: Living Room



HOME FEATURES



CONTENT MODERATION



What's in it for MLS' and portals?



AUTO-MODERATE VISUAL CONTENT



AMAZE YOUR USERS



CONVERT MORE LEADS

Avoid fines and control content quality



AUTO-MODERATION





Should this photo be posted?



Automagically moderate your content

A.I. can detect if an image is unrelated and if it has sensitive content that legally cannot be made public. You can put in some simple logic to automatically decide what images get posted or blocked.





august 👀 partners













'Wow' your agents and buyers

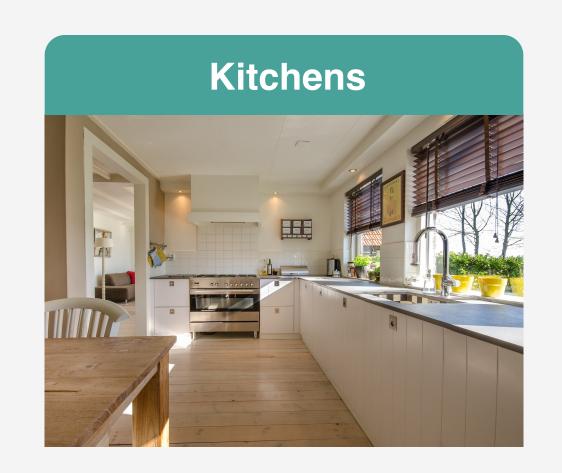


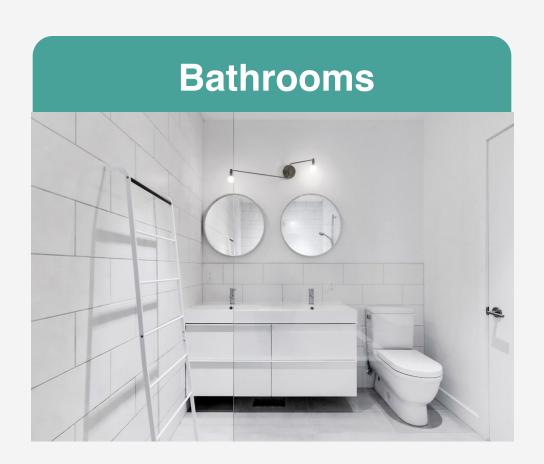
USER EXPERIENCE (UX)

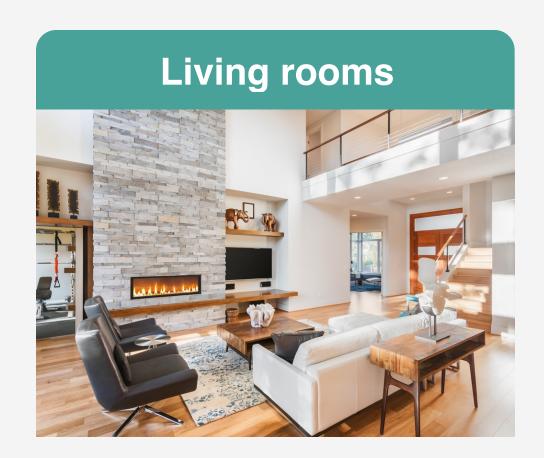




How can you easily optimize your photo gallery?





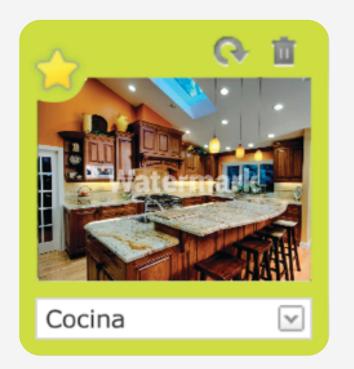


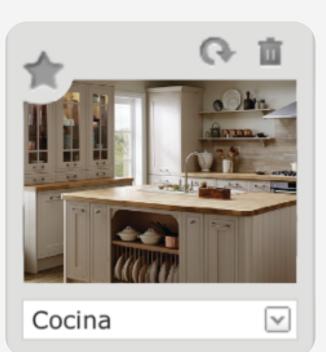
Automatically organize images by category when uploaded

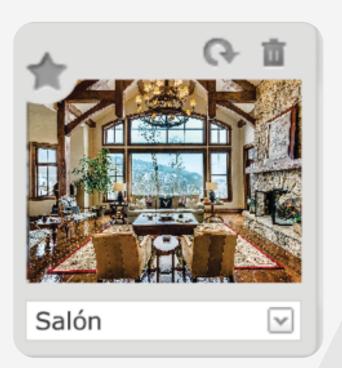
Computer vision can quickly and tirelessly categorize millions of images so you can save your agent precious time when creating a listing.

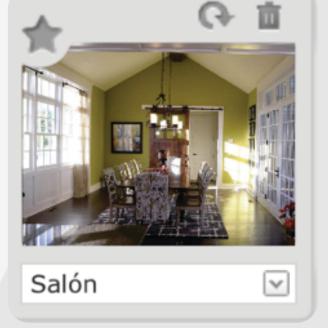


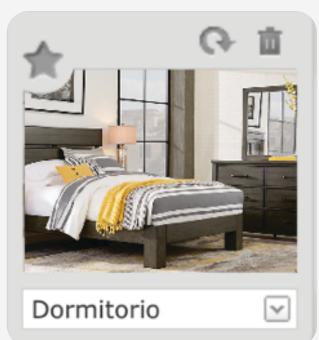
idealista

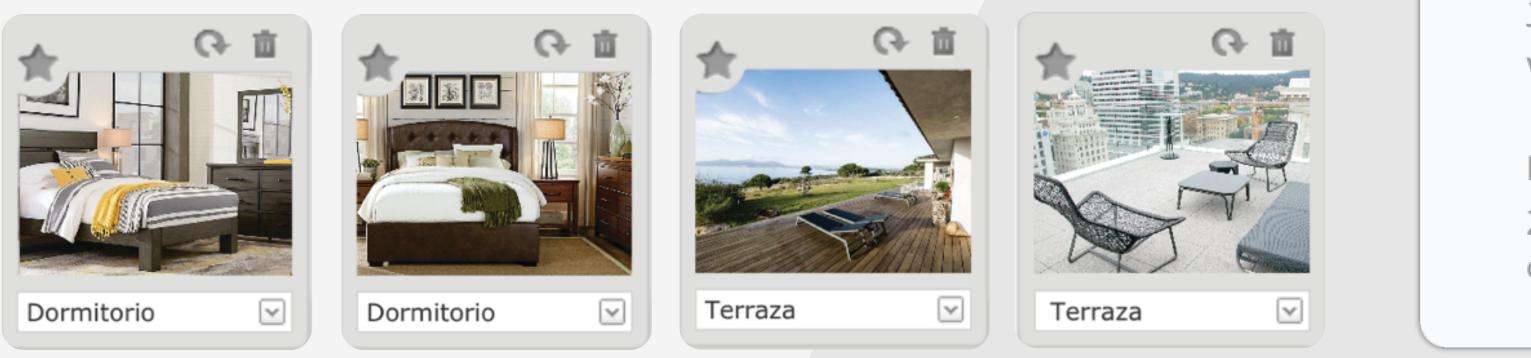


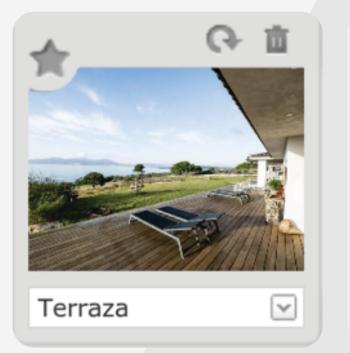


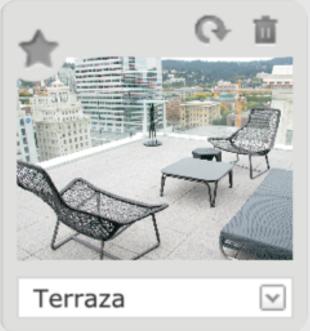












Estas fotos son de...

Estancias

Cocina	+2	Baño	0
Salón	2	Dormitorio	2
Hall	0	Pasillo	0
Terraza	2	Patio	0
Fachada	0	Habitación	0
Plano	0	Buhardilla	0

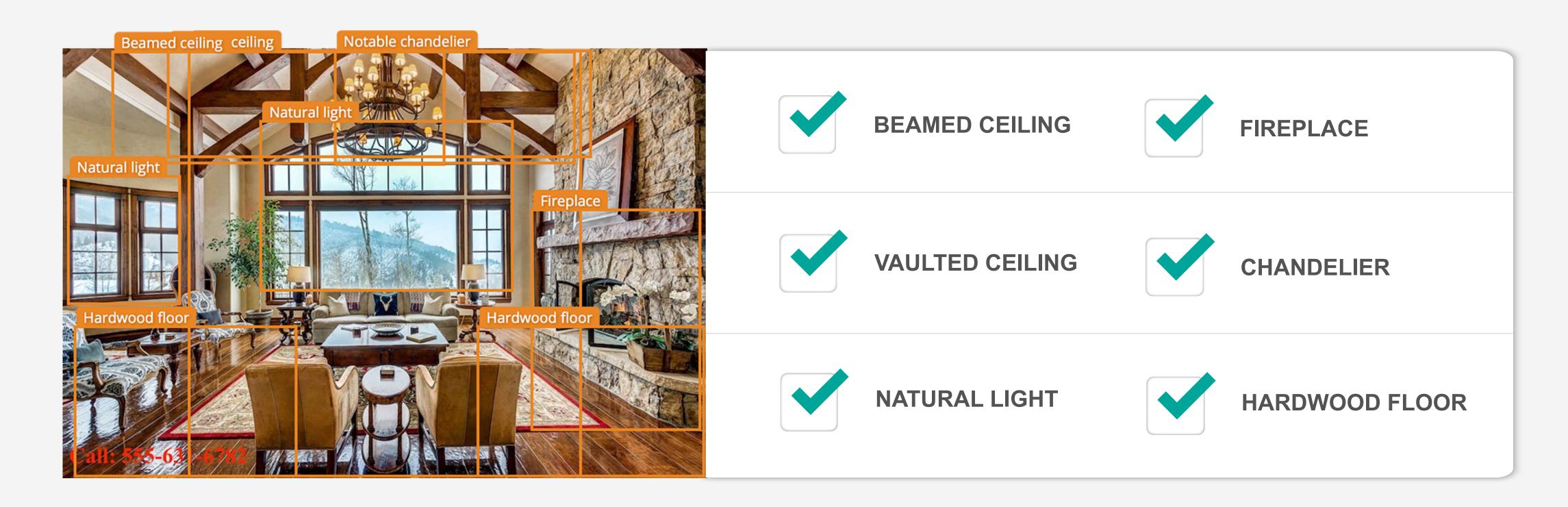
Zonas comunes y extras

Jardín	0	Piscina	0
Vistas	0	Plaza de parking	0
Detalles	0	Trastero	0
Zonas	0	Certificado	0
comunes		energético	





How to ensure important listing details aren't missed?

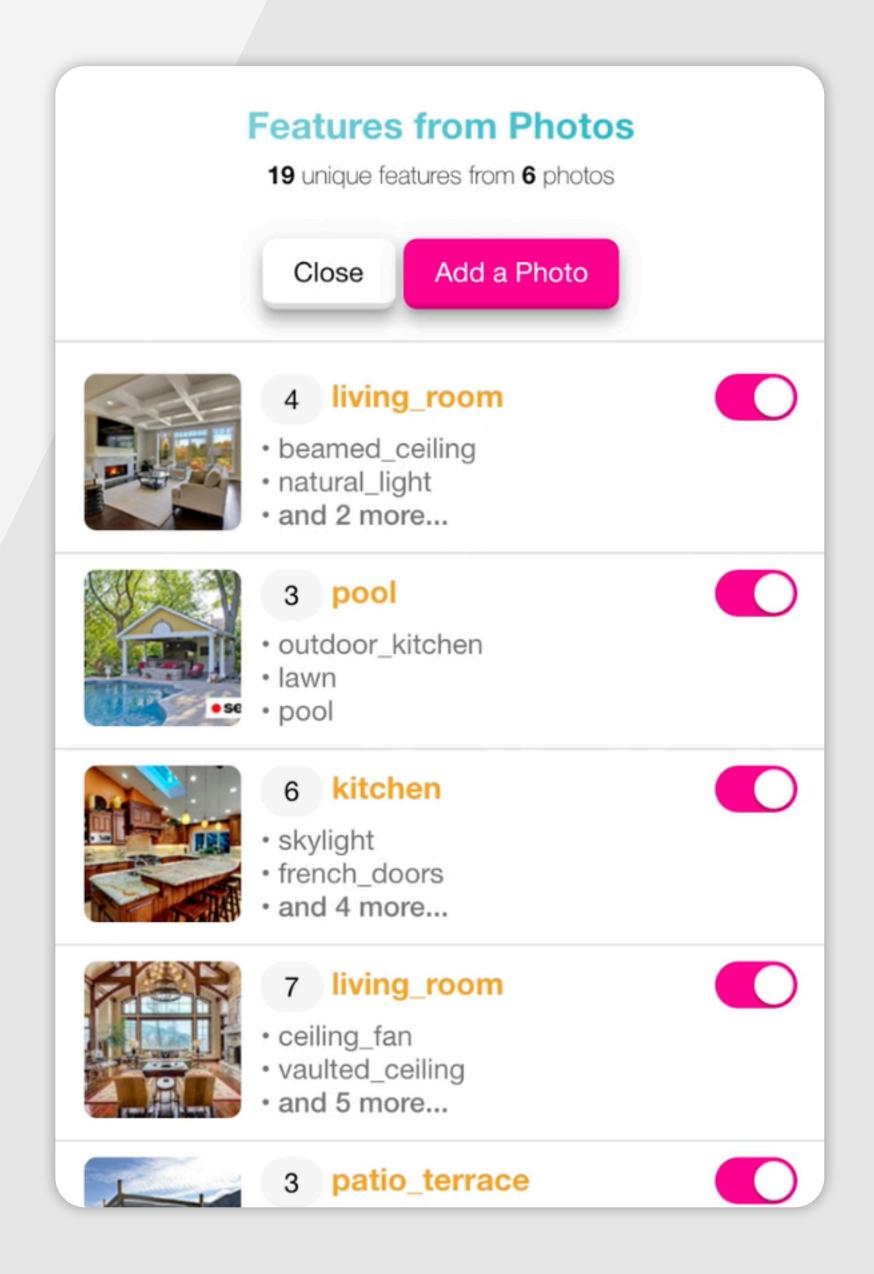


Auto-fill listing details based on features taken from photos

Computer vision can extract specific home features directly from images so real agents don't omit critical home information when creating a listing.





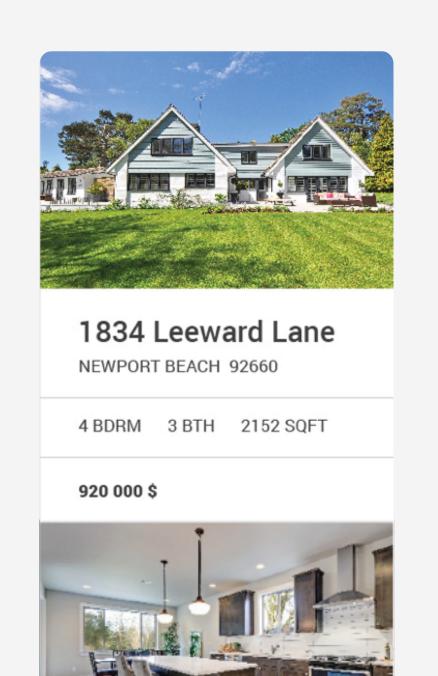


UX

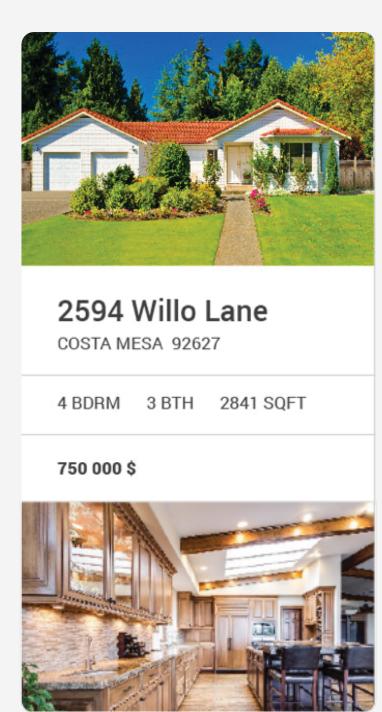


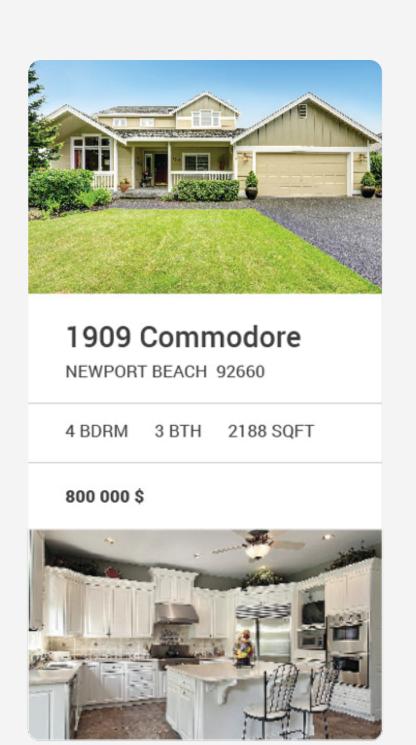


How do you help a buyer choose between different houses?



KITCHENS





Add a visual layer of room-by-room comparison

By knowing the room type of every image you can take your user one step closer to making his/her decision by adding a visual layer of what specific rooms look like between different houses.

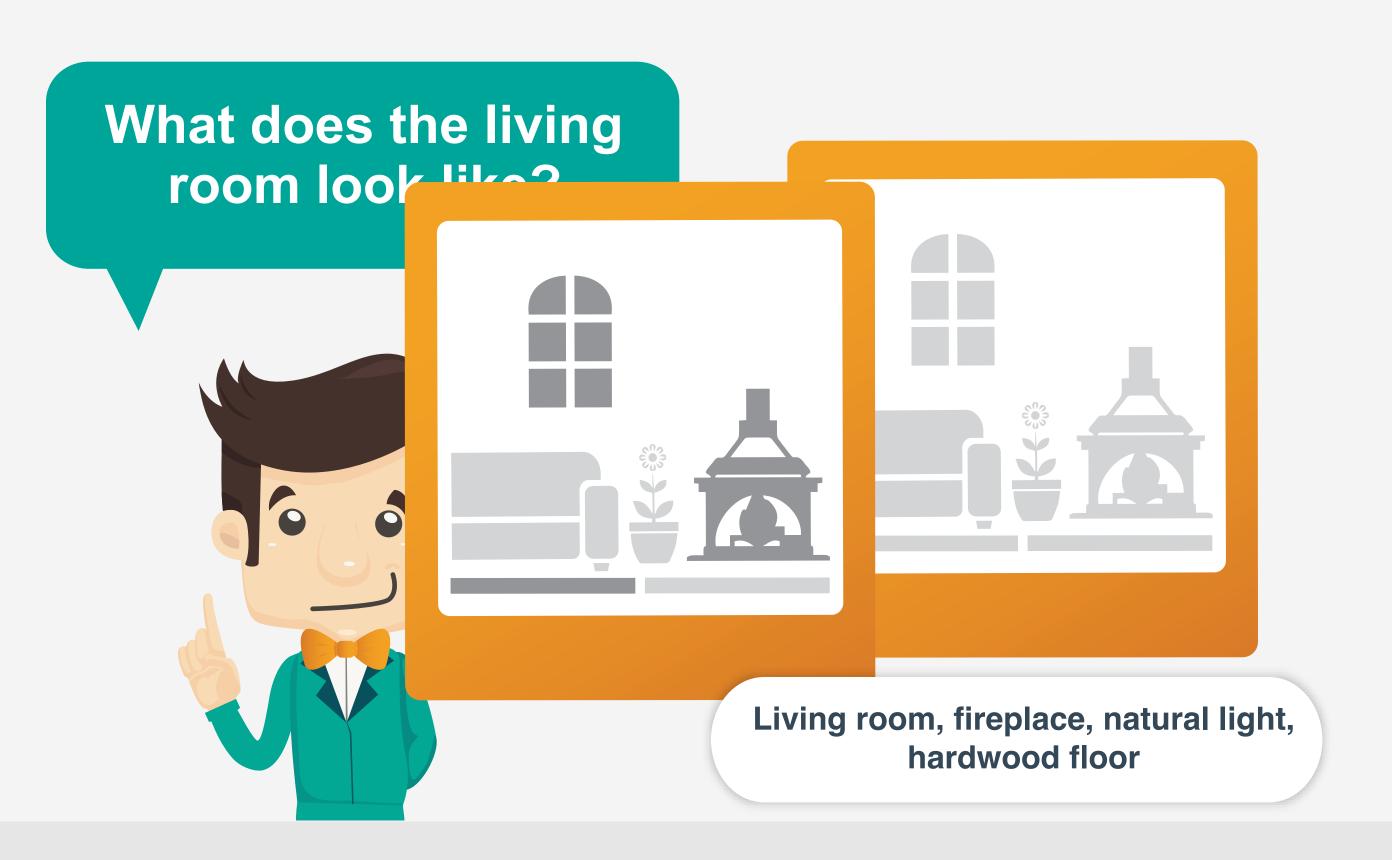




What about the visually impaired?







A.I. can help the visually impaired get a glimpse of their dream home

Using the specific descriptions provided by computer vision (image-to-text) and text-to-speech voice assistants, the visually impaired can now hear what a house looks like!







What does the living room looks like?





Living room, fireplace, natural light, hardwood floor

The living room has a beautiful fireplace, hardwood floor and lots of natural light.



Convert more leads



CONVERSION
RATE OPTIMIZATION
(CRO)





Why not let your users choose their thumbnail of choice?



I'd love to see the kitchens in all my search results!

Let the buyer browse your thumbnails based on his/her preference

By having all your images categorized your portal can easily filter the listing's thumbnail based on the filter that the buyer is most interested in, bringing him/her one step closer to clicking through.









All image types

Exterior

Bedroom

Bathroom

Kitchen

Living



18916 Saddle River Drive, Edmond, OK 730..

▶ 4 **4 6 3 3 4**,668 ft²

MLS: 791565 \$1,030,000

Churchill-Brown and Associates

TLC: \$ 6,011





5508 Shiloh Drive, Oklahoma City, OK 731...

▶ 4 **4** 3 **6** 3 **3** 2,350 ft²

MLS: 778210 \$ 288,990

Premium Prop, LLC

← TLC: \$ 2,293



2109 Worthington Lane, **Edmond, OK 73013**

 $ightharpoonup 6 imes 6 imes 6 imes 3 imes 5,769 ext{ ft}^2$

MLS: 763833 \$ 500,000

Movers Real Estate Company

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<br/











What if the buyer is interested in specific features?

Denver, CO HIGH CEILING

FIREPLACE

CARPET

NATURAL LIGHT



22 HOMES FOUND



Preview listings by buyer's specific interest

By knowing what home features are present in what photos, not only can you refine the search results but you can also deep link into the actual images that have the features of interest.





What if the buyer doesn't know exactly what they're looking for?

I like this type of kitchen. Can I see other similar ones?





Visual Search can bridge that emotional attachment

Computer Vision can now distinguish patterns, shapes and colours in order to provide a more subjective recommendation that is based on visual similarities



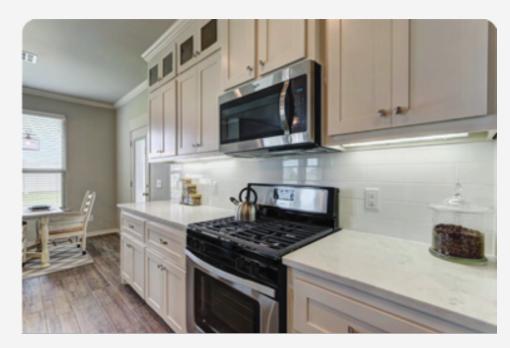


I like this type of kitchen. Can I see other similar ones?

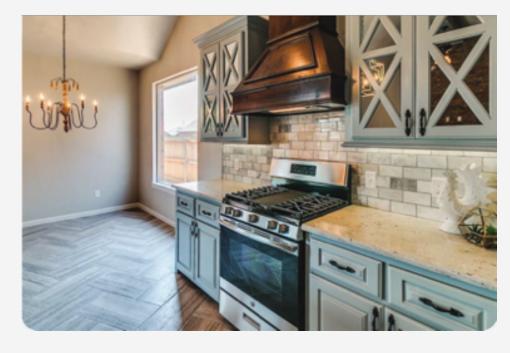














A.I. can put your images to work



AUTO-MODERATEVISUAL CONTENT



AMAZE YOUR USERS



CONVERT MORE LEADS

Who is Restb.ai?



Computer vision company that specializes in image recognition for Real Estate

Out-of-the-box API solutions:



CONTENT MODERATION FOR REAL ESTATE



VISUAL SEARCH



33 ROOM TYPES



32 HOME FEATURES



16 HOUSE STYLES



Out-of-the-box A.I. expertise:



4 YEARS OF DEVELOPMENT



USING BEST-IN-CLASS NVIDIA HARDWARE



DEDICATED TEAMS OF ML / DS ENGINEERS



ACCURACY REACHING 99%



INFERENCE TIME < 100ms



PRE-PACKAGED SIMPLE API





Questions?

demo.restb.ai

Dominik Pogorzelski VP of Product Management