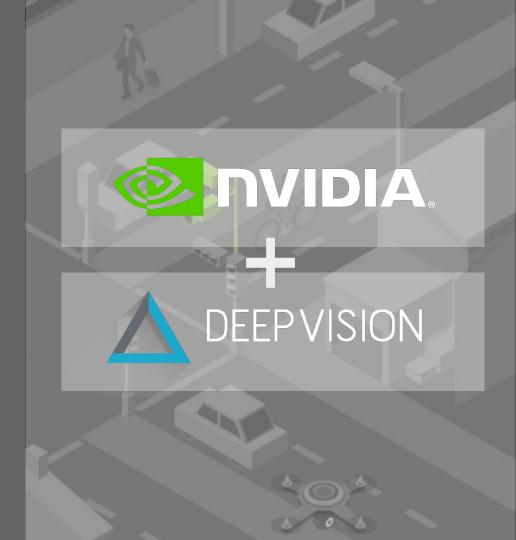
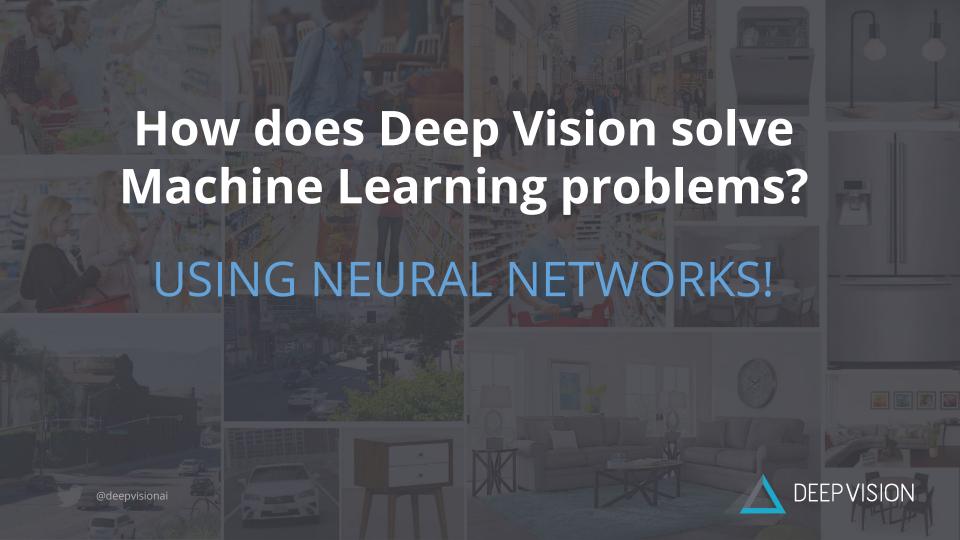


We partnered with Nvidia to transform the Modern City

Over 500 million cameras worldwide are capturing data today, and it's growing exponentially. **Deep Vision** uses Al to understand this data to turn it into actionable insights and analytics.



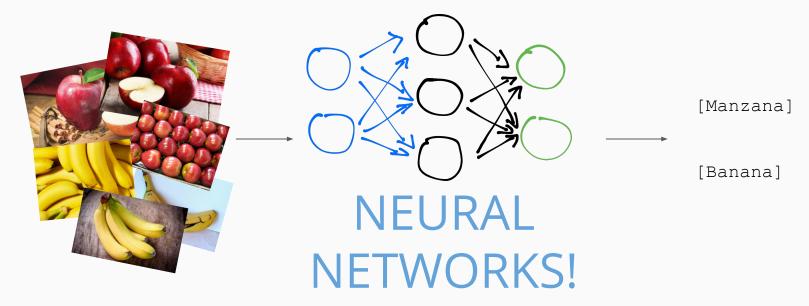




Neural Networks



Supervised learning:





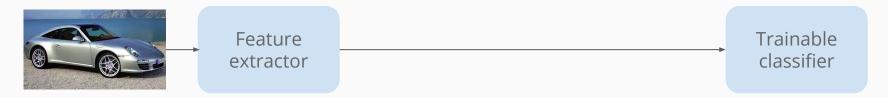
Deep learning Introduction



The idea behind Deep Learning is simple:

"We want an end-to-end trainable machine"

Traditional Pattern Recognition:

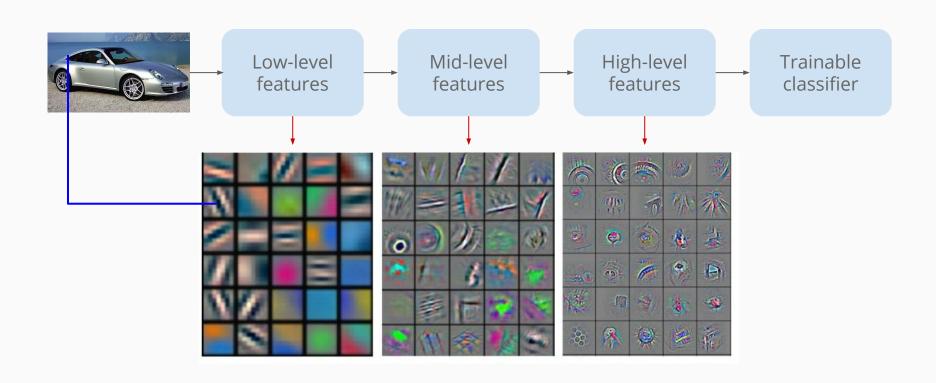


Deep learning:



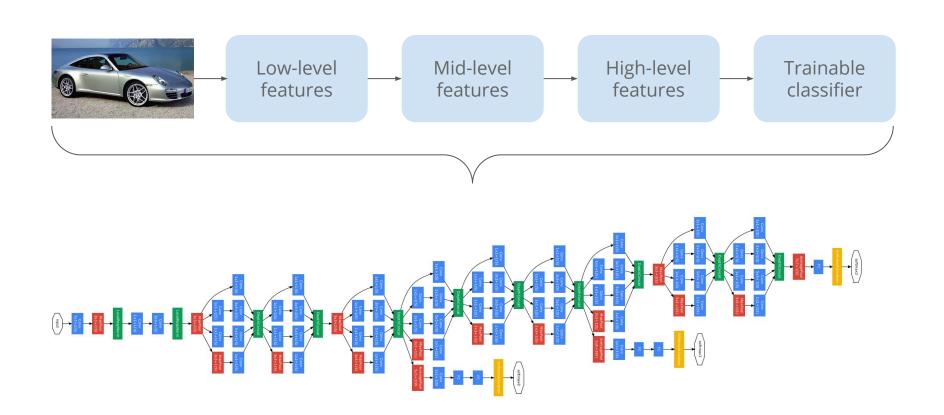
End-to-end learning





End-to-end learning

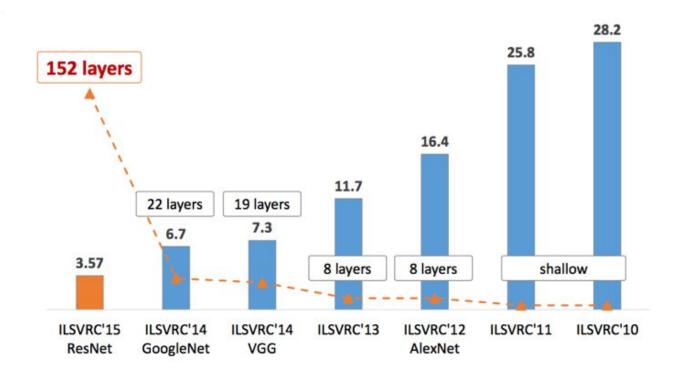




ImageNet challenge



Object classification challenge





Visual Search model







How it works

Returns the most visually similar objects by simply dragging any image into the system



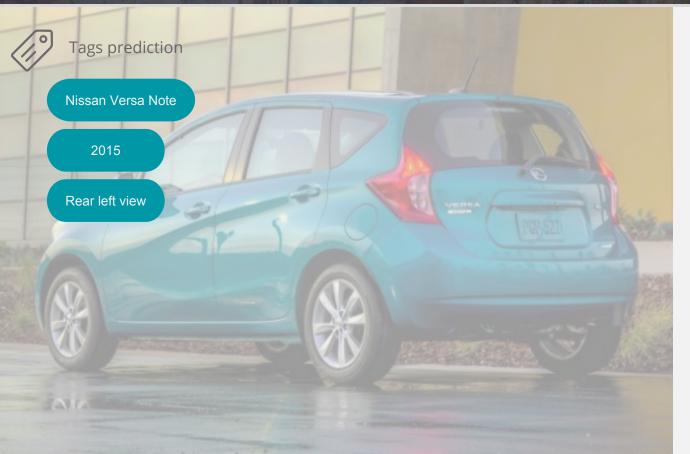
Specifications

 Add your own inventory to our search index and find the most visually similar product on your own data



Visual Vehicle model







How it works

Returns vehicle, year, make, model, and orientation by simply dragging any vehicle image into the system.



Specifications

- +1,100 vehicle year, makes,
 & models
- +20 interior & exterior vehicle views



Visual Brand model







How it works

Find brands appearing in any type of photo based on our logo recognition model



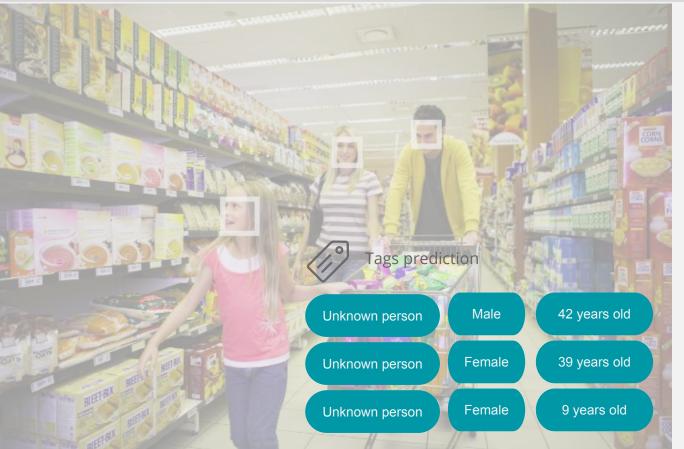
Specifications

- Brand logo recognition (Coca Cola, Starbucks, Oreo, Adidas, Budweiser, Nike, Pepsi, Heineken, Dell, Apple, Reebok, etc)
- Request your own brands



Visual Face model







How it works

Provides facial recognition including demographics and the ability to recognize them under different contexts



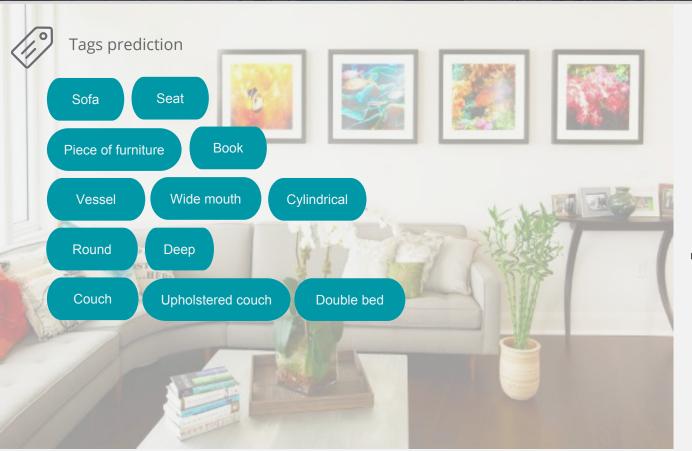
Specifications

- Age and gender estimation
- +5,000 celebrities for face recognition
- Add new people you want to recognize directly from our API

WIVIDIA.

Visual Context model







How it works

Provides labels about the context, including products, objects, and other general concepts



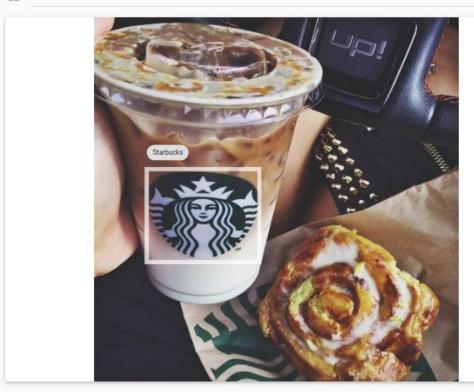
Specifications

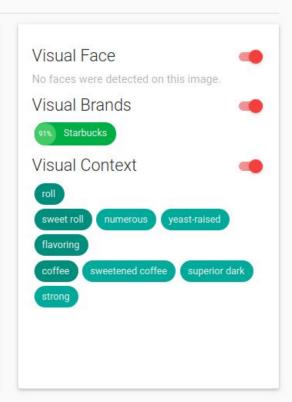
 +10,000 tags and concepts over a wide range of topics





Paste your image url here



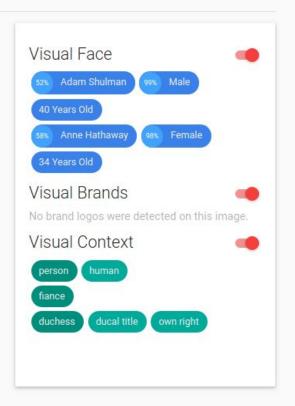


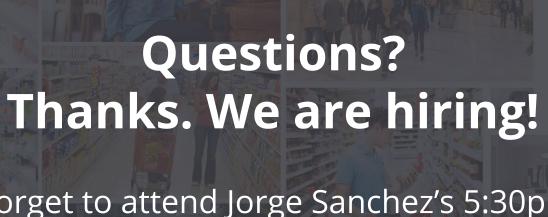




Paste your image url here







Don't forget to attend Jorge Sanchez's 5:30p.m. talk: "Few shot learning in Computer Vision"

