

Neural Networks

Deep Learning

Artificial Intelligence

Machine Learning

Computer Vision

Image Recognition

T2
TERMINATOR 2
JUDGMENT DAY

Terminator 2: Judgment Day, T2, THE TERMINATOR, ENDOSKELETON, and any depiction of Endoskeleton are trademarks of StudioCanal S.A. ® & © 2012 StudioCanal S.A. ® All Rights Reserved.
Rebels: Final product may slightly vary from the pictured product sample. All information is subject to change without prior notice.
© 2012 ENTERBAY INTERNATIONAL, LIMITED. All rights reserved.

Team "I ♥ Ikea" App

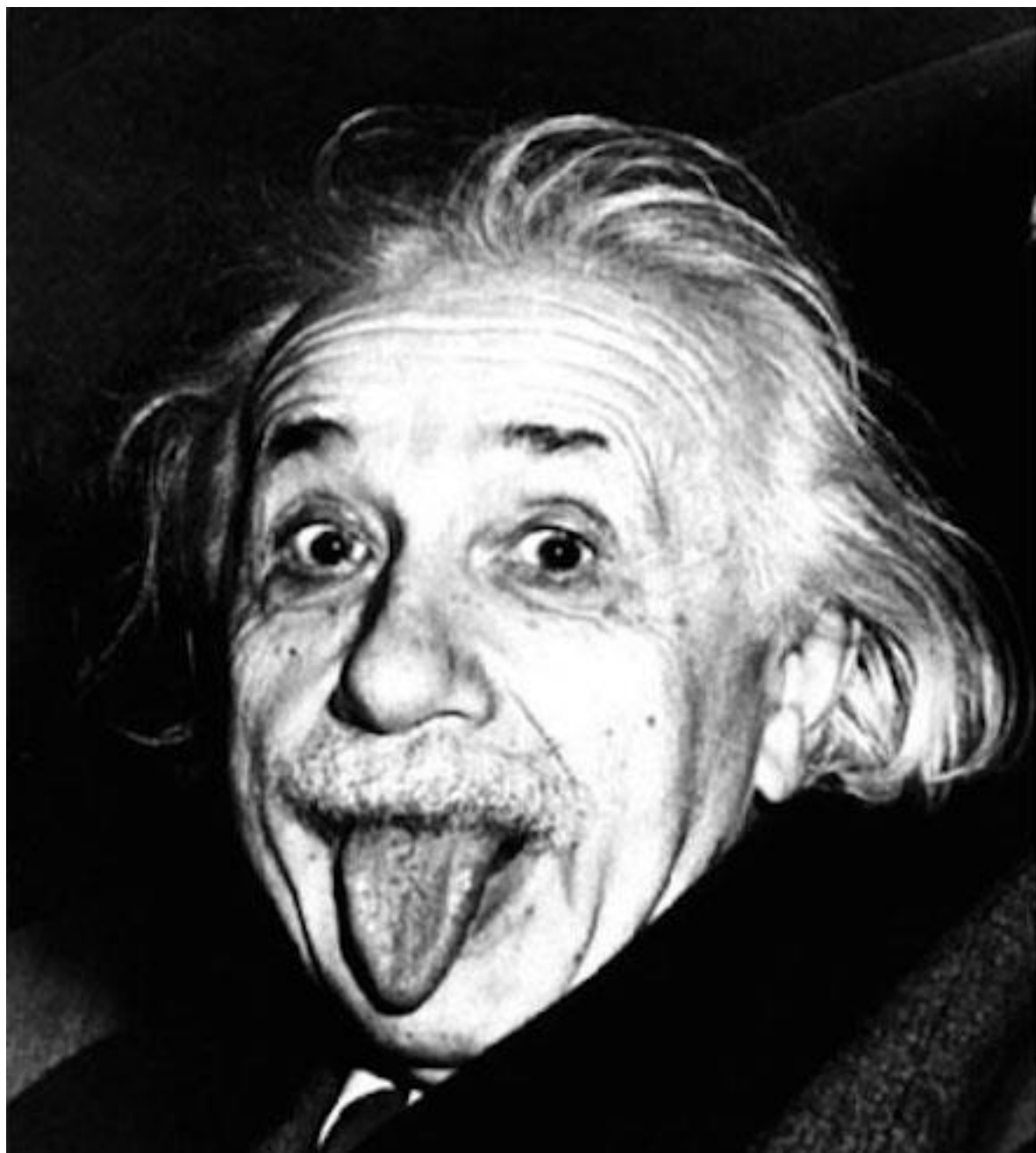
Thomas

Long How

Jos



The Most Efficient Learning
=
No Learning



Finding Similarities use cases

Designers

Do we already have similar products at Ikea?

Customers

Does Ikea have something similar and cheaper?

Store employees

Where are similar products showed?

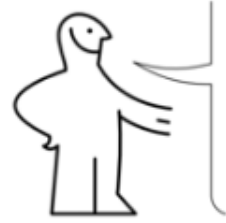
Everyone

No need to memorize Ikea catalog

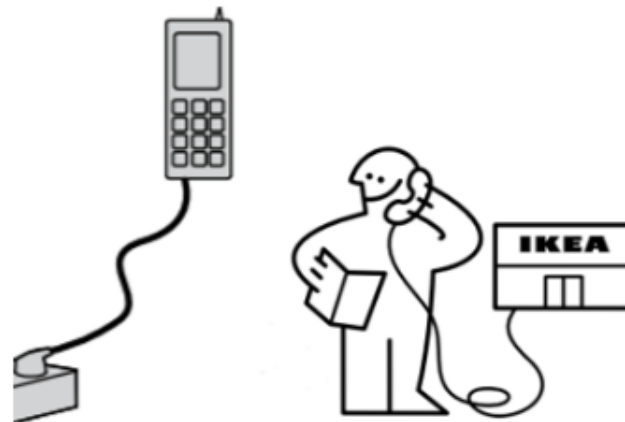
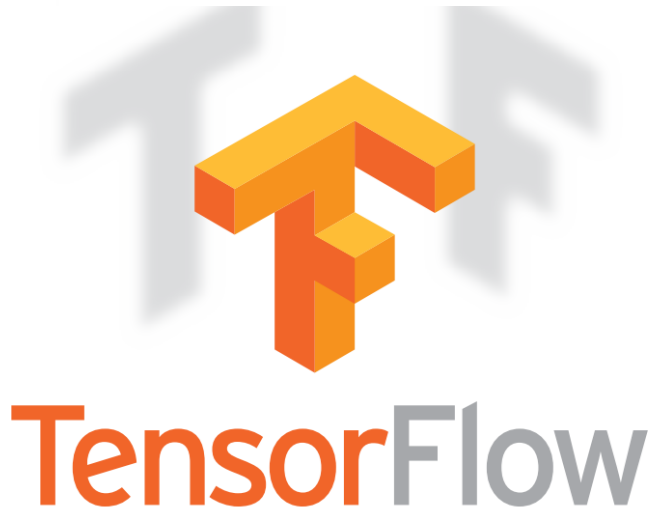
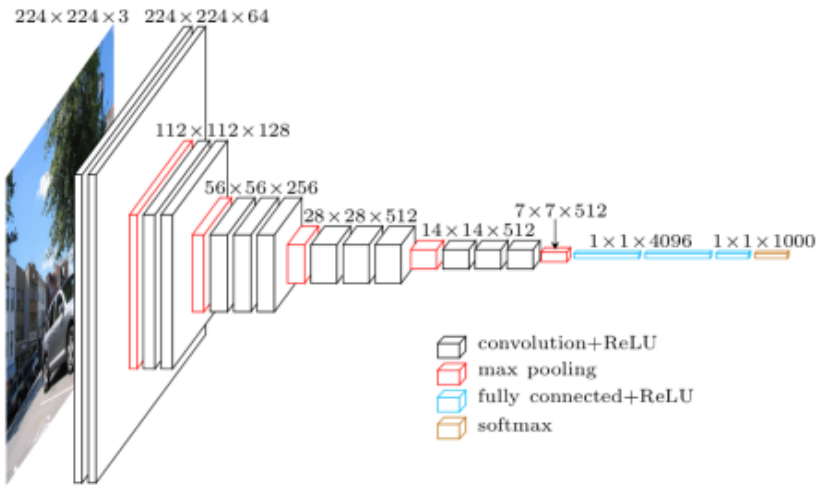




Keras



I LOVE IKEA APP

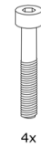


Check Ikea First

When NOT at an IKEA store, take a picture of what you see, check if Ikea has something similar and then GO TO Ikea



I LOVE IKEA APP



4x



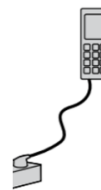
12X



2x



1x



introduction



Take_picture



Image_taken



Best_Matches

Check Ikea First

Choose an image (max 5MB)

Browse...

Use-Lounge-Chair-Ottoman_7

Upload complete

Show top N matches

7

help me out here

I feel Lucky



introduction



Take_picture



Image_taken



Best_Matches

Check Ikea First

Choose an image (max 5MB)

Browse...

Use-Lounge-Chair-Ottoman_7

Upload complete

Show top N matches

7

help me out here

I feel Lucky

Binnen kweken

Decoratie

Draadloos opladen

Eetkamer

Eten

Hal

IKEA FAMILY producten

IKEA Kinderland



introduction



Take_picture



Image_taken



Best_Matches

Check Ikea First



introduction



Take_picture



Image_taken



Best_Matches

Lounge Chair & Ottoman

7.050,00 €

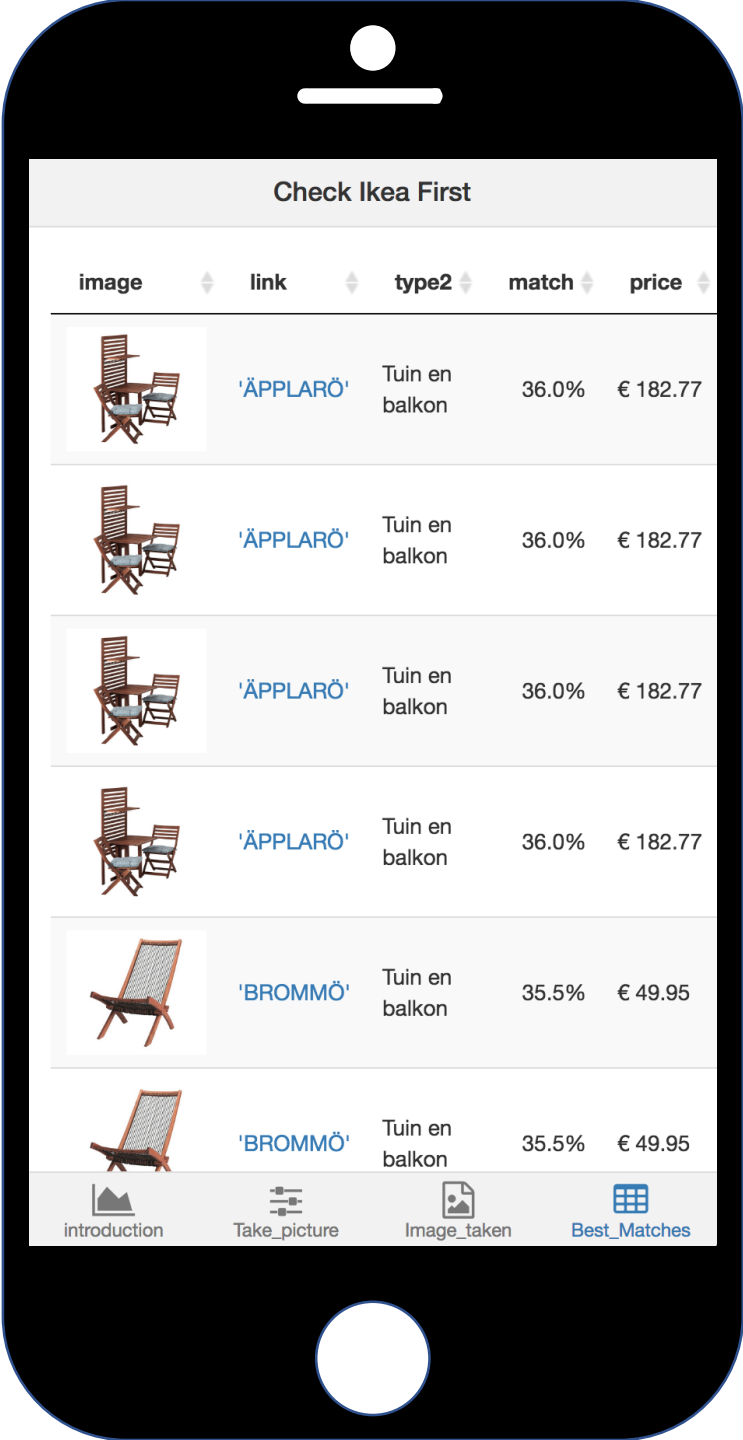
incl. btw, excl. verzendkosten

Levertijd opvragen







**IN WINKELMANDJE
PLAATSEN**





OP VERLANGLIJST

NAAR VERDEELPUNT
VERSTUREN



Check Ikea First

image	link	type2	match	price
	'ÄPPLARÖ'	Tuin en balkon	36.0%	€ 182.77
	'ÄPPLARÖ'	Tuin en balkon	36.0%	€ 182.77
	'ÄPPLARÖ'	Tuin en balkon	36.0%	€ 182.77
	'ÄPPLARÖ'	Tuin en balkon	36.0%	€ 182.77
	'BROMMÖ'	Tuin en balkon	35.5%	€ 49.95
	'BROMMÖ'	Tuin en balkon	35.5%	€ 49.95

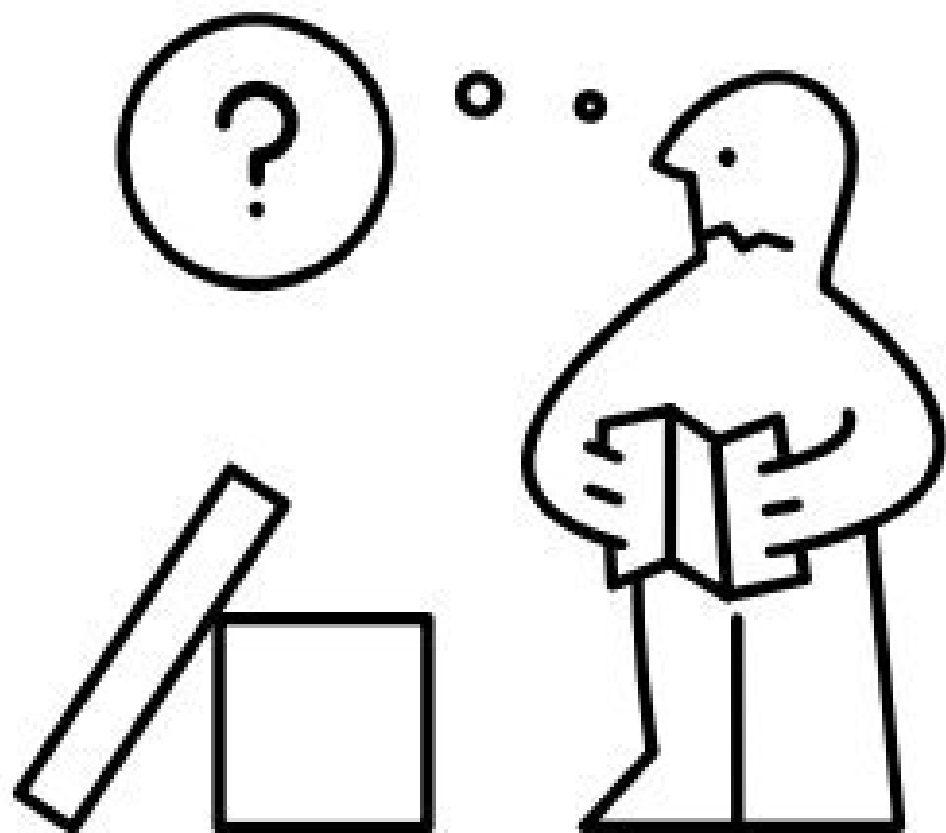
introductionTake_pictureImage_takenBest_Matches

Project available on Github:

https://github.com/longhowlam/I_LOVE_IKEA_SHINY_APP

Live demo:

http://145.131.21.163:3838/sample-apps/I_LOVE_IKEA_SHINY_APP/



Questions?