

Znanstvenic otkril neobičan način za još brž  
mršavljenj. Gubljenj kilogram moguć je i  
pomoć kombinacij boj voć i povrć.



Machine Learning



```
>>> from sklearn import svm
>>> clf = svm.SVC()
>>> clf.fit(X, y)
```

Writing good code

Model evaluation

Data pre-processing

Creating or searching for a dataset

# Data Science Starterpack

## Beginners

Machine Learning by Andrew Ng  
Deep Learning - deeplearning.ai  
fast.ai

## Courses

Machine Learning @ FER  
Stanford courses (CS231, CS224, etc.)  
Text Analysis and Retrieval @ FER  
Artificial Intelligence @ FER

## Practice

Internships [Styria.ai 🤖]  
Mozgalo  
Kaggle  
Personal projects

## Novel knowledge

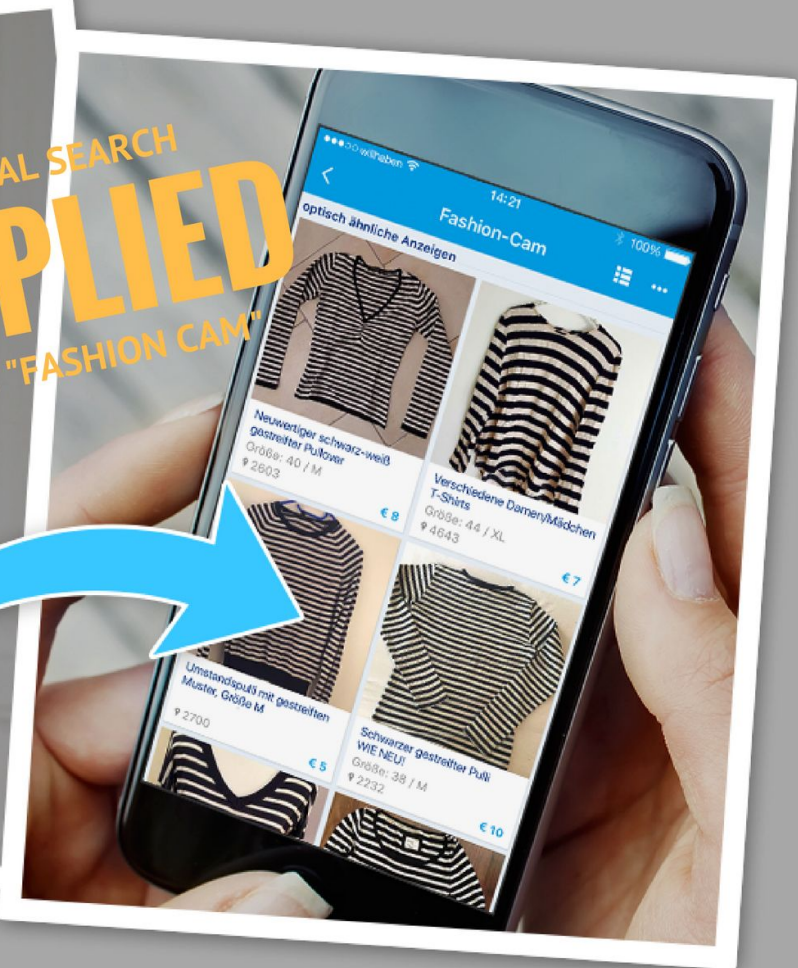
r/MachineLearning  
Blogs [Medium, Research blogs]  
arXiv

## Other

Google Scholar  
Books  
Youtube



VISUAL SEARCH  
**APPLIED**  
- THE "FASHION CAM"



**Diversify** your team

Google Open Images **Object  
Detection** Challenge

**30,000\$** prize money

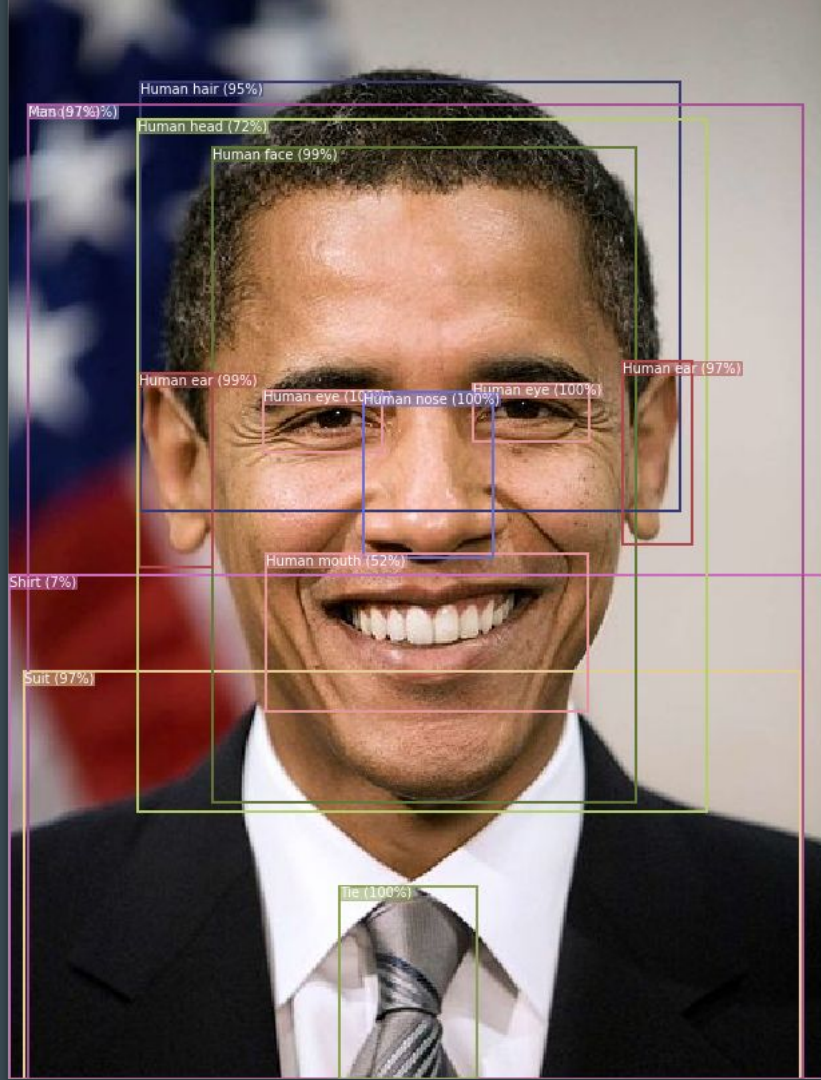
Top **15%** ranking

Poster at the ECCV conference

Don't **micromanage**

Communicate **ideas** and **issues**

**Carefully split** the workload



Human hair (95%)

Man (97%)

Human head (72%)

Human face (99%)

Human ear (99%)

Human eye (100%)

Human nose (100%)

Human eye (100%)

Human ear (97%)

Human mouth (52%)

Shirt (7%)

Suit (97%)

Tie (100%)

letgo  
Reveal





Think **thrice**, develop **once**

**CVS/pharmacy**  
 1785 S MUR LEN RD, OLATHE, KS  
 PHARMACY: 390-9892 STORE: -  
 REG#01 TRN#2843 CSHR#0716097 STR#5257  
 ExtraCare Card #: \*\*\*\*\*9758

PAMP BBYDRY S4 JB 31CT			
1 @ 2/ 20.00	10.00T	SAVED	1.99
HUG SNUG&DRY S5 JB 27CT			
1 @ 2/ 20.00	10.00T	SAVED	1.99
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F 1 BIOTRUE MP 2/10Z 20Z	13.99T	SAVED	4.30
1 SB AEROSOL 16Z	4.39T		
1 SB AEROSOL 16Z	4.39T		
1 CVS COUPON	10.00 -		
1 COUPON	2.00 -		
1 COUPON	3.00 -		
1 COUPON	3.00 -		
1 COUPON	4.00 -		
1 CVS MFR COUPON	6.00 -		

6 ITEMS

Survey ID #  
**9280 6810 4925 652 01**

SUBTOTAL	24.77	
KS 8.65% TAX	3.70	
<b>TOTAL</b>	<b>28.47</b>	
GIFT CARD	20.00	
*****3530	MS	
AUTH: 371816		
ACCOUNT BALANCE:	0.00	
DEBIT	8.47	

Classification

**CVS/pharmacy**  
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Localization + Classification



Me

Deep learning

Simple  
problem

**Start early and simple**



Worst case scenario

You are now an  
**AI practitioner**

Best case scenario

You're now **rich** and **famous**\*

\* Terms 'rich' and 'famous' are subjective and should be considered as such

# Q&A

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