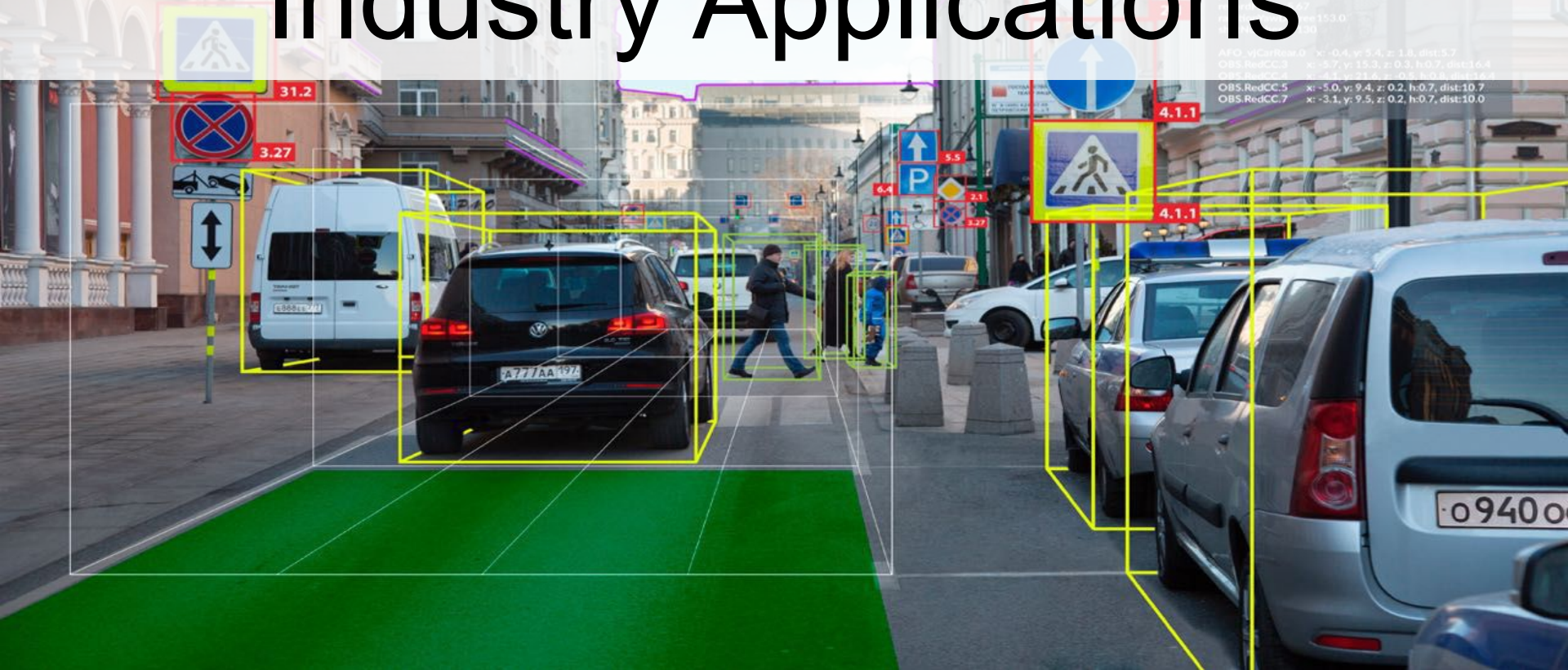
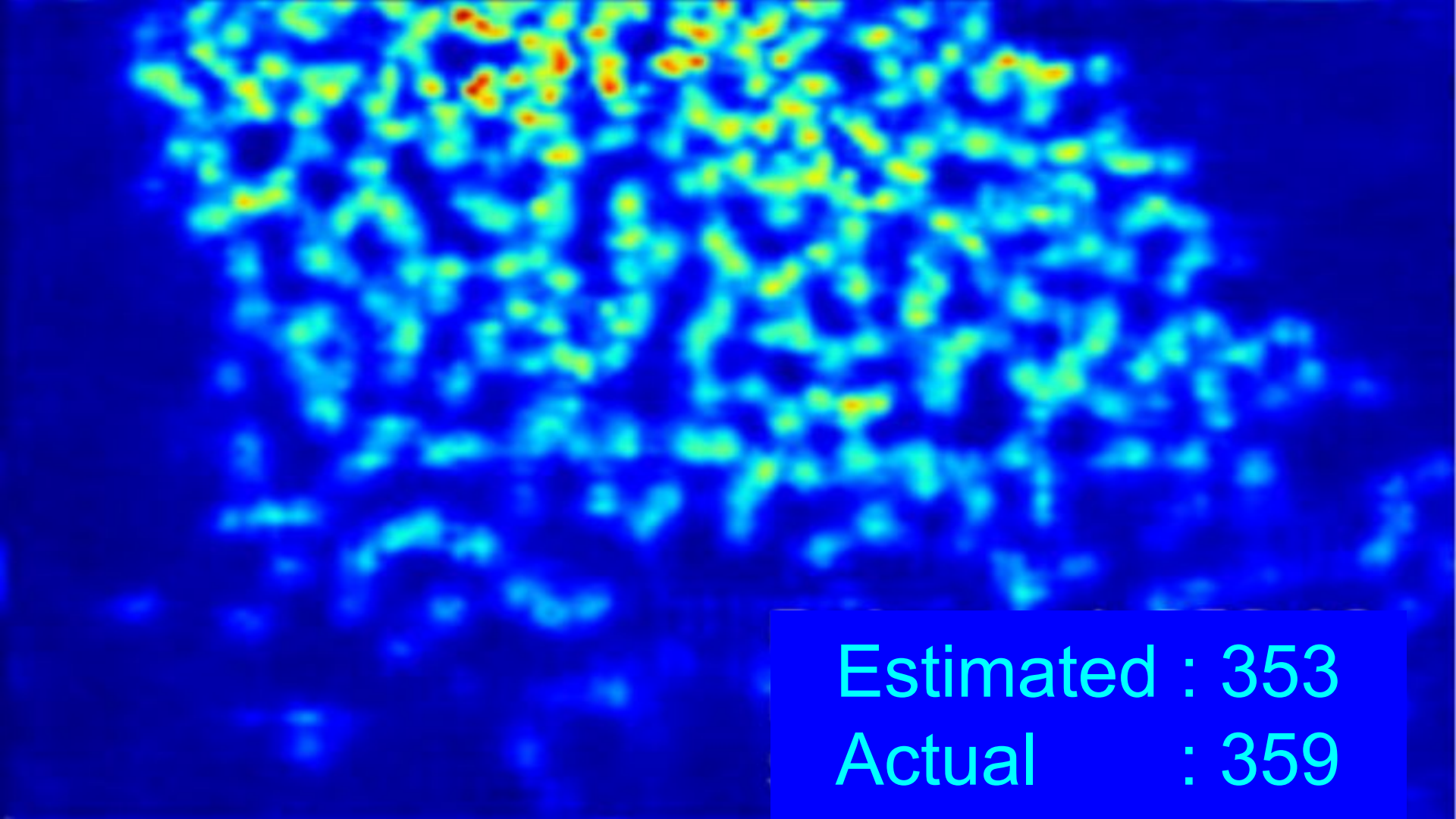


Computer Vision and (D)CNN: Industry Applications

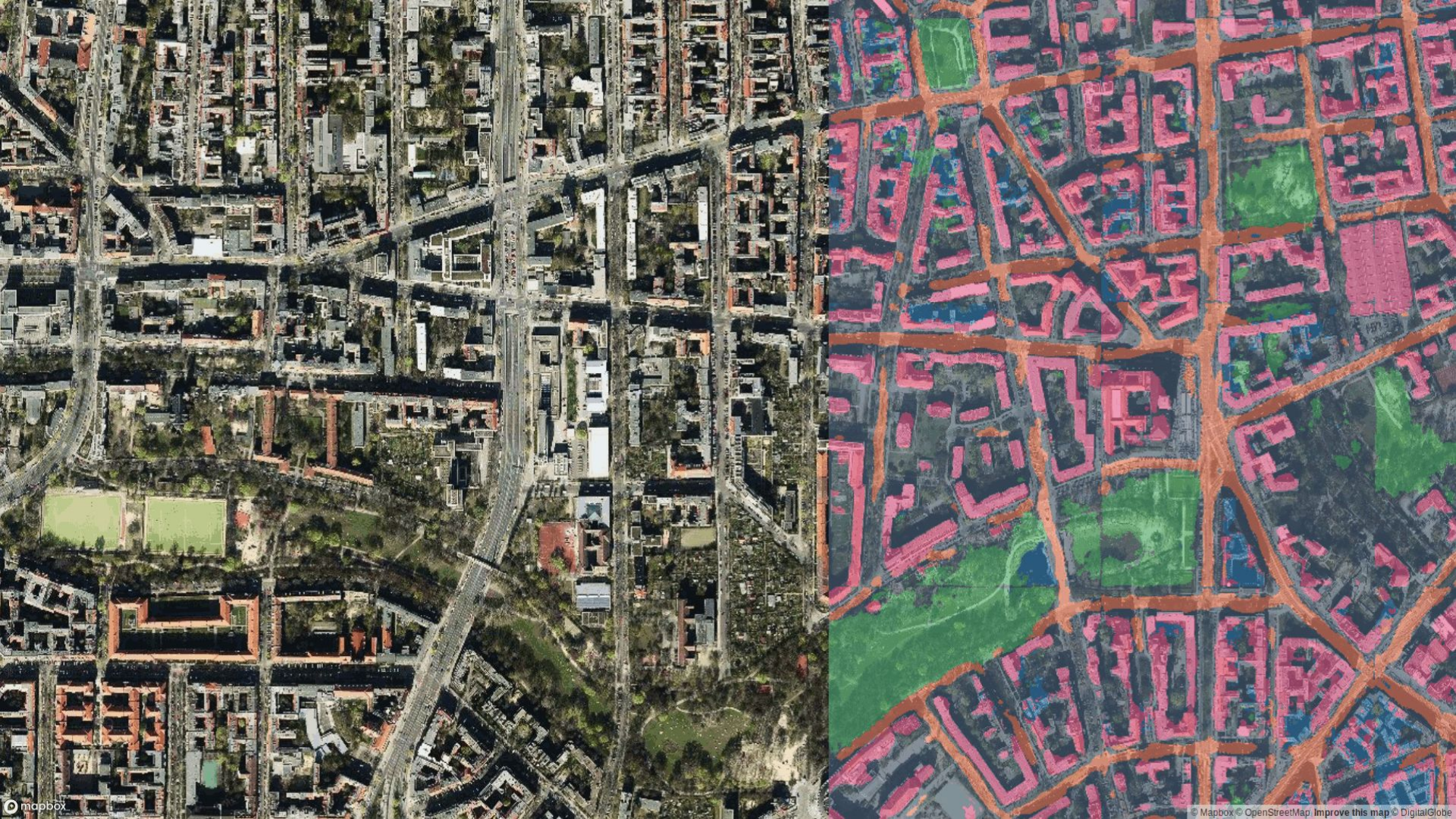






Estimated : 353

Actual : 359









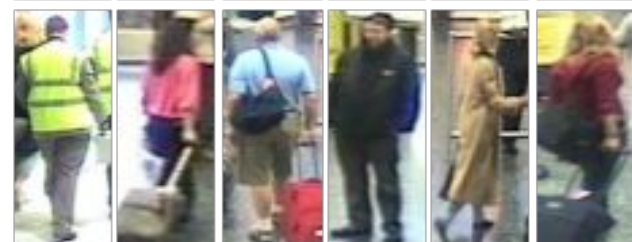
Will Ferrell (93%)



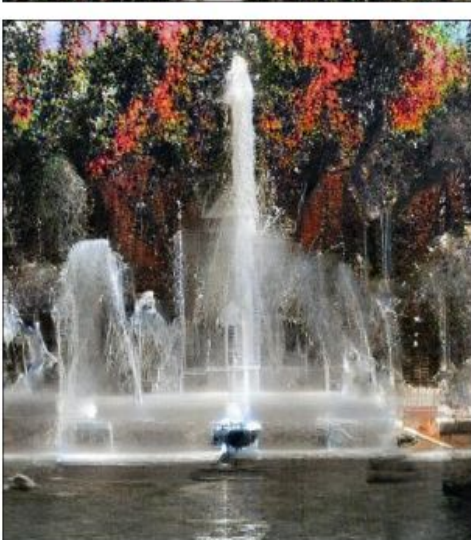
Chad Smith (56%)

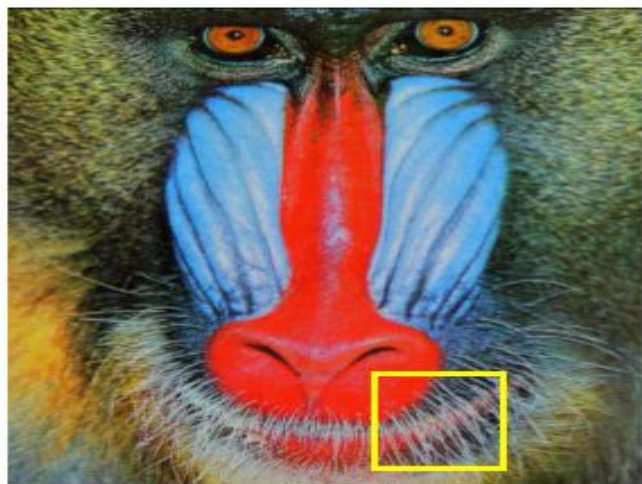


Jimmy Fallon (83%)









baboon from Set14
(PSNR / Perceptual Index)



HR
(∞ / 3.59)



Bicubic
(22.44 / 6.70)



SRCNN
(22.73 / 5.73)



EDSR
(23.04 / 4.89)



RCAN
(23.12 / 4.20)



EnhanceNet
(20.87 / 2.68)



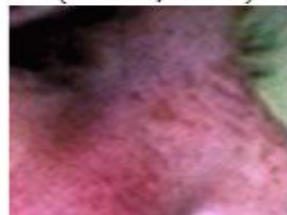
SRGAN
(21.15 / 2.62)



ESRGAN(ours)
(20.35 / 1.98)



face from Set14
(PSNR / Perceptual Index)



HR
(∞ / 5.82)



Bicubic
(31.49 / 8.37)



SRCNN
(32.33 / 6.84)



EDSR
(32.82 / 6.31)



RCAN
(32.93 / 6.89)



EnhanceNet
(30.33 / 3.60)



SRGAN
(30.28 / 4.47)



ESRGAN(ours)
(30.50 / 3.64)

Labels to Street Scene

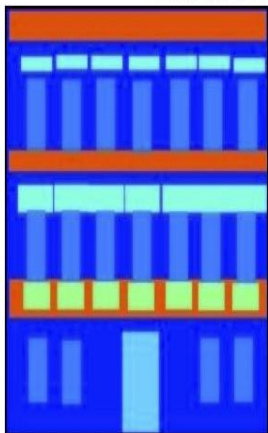


input



output

Labels to Facade



input



output

BW to Color

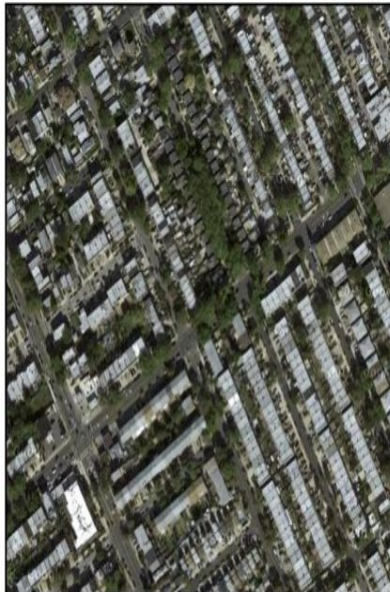


input

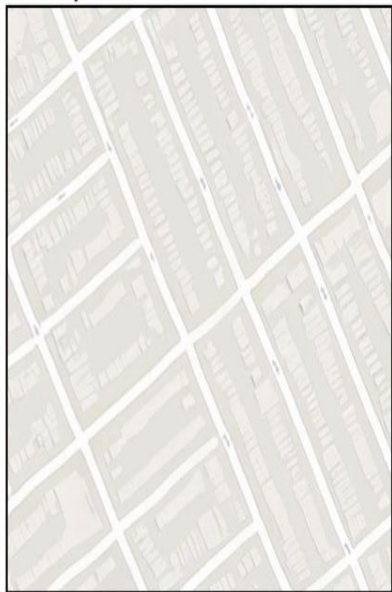


output

Aerial to Map



input



output

Day to Night



input



output

Edges to Photo



input



output



ANNOTATED DATA FOR SUPERVISION



CAN BE VERY EXPENSIVE

YOU CAN GET KILLED!!!



Model Debugging? Interpretability?





HANDS

ON

PERSEVERANCE



YOUR WILL POWER TO RESIST THE TEMPTATION TO GIVE UP

YOUR WILL POWER IS FINITE

YOU NEED TO HAVE A REGIMEN

DEEP WORK



RULES FOR
FOCUSED
SUCCESS
IN A
DISTRACTED
WORLD

Cal Newport

Author of So Good They Can't Ignore You

NEW YORK TIMES BESTSELLER

**Tiny Changes,
Remarkable Results**

Atomic Habits

An Easy & Proven Way to
Build Good Habits & Break Bad Ones

James Clear

https://colab.research.google.com/github/dilthoms/ai-ml-assignments/blob/master/kaggle/kaggle-digits/kaggle-digits.ipynb?authuser=3#scrollTo=SAuEY_PRoD2A

<https://www.kaggle.com/c/digit-recognizer/discussion/61480#713526>