



HACK THE DESIGNER LOOK

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FASHION MEETS AFFORDABILITY



MSGM: \$545

ASOS: \$43

Shoppers see a designer product



Intimidated by the price tag



Find similar styles across retailers



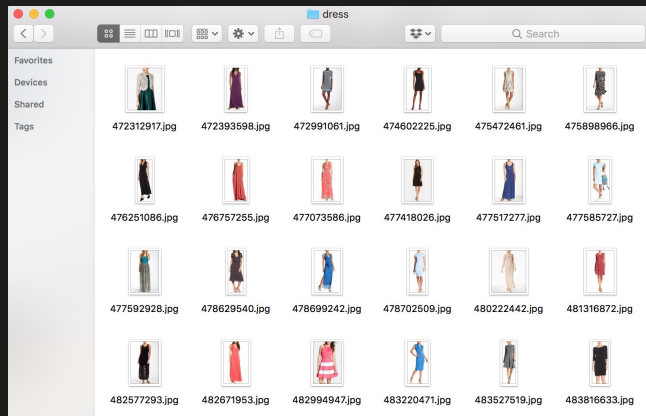
Find best (lowest) prices



Place order



THE DATA



10 clothing categories

~6000 RGB images each category

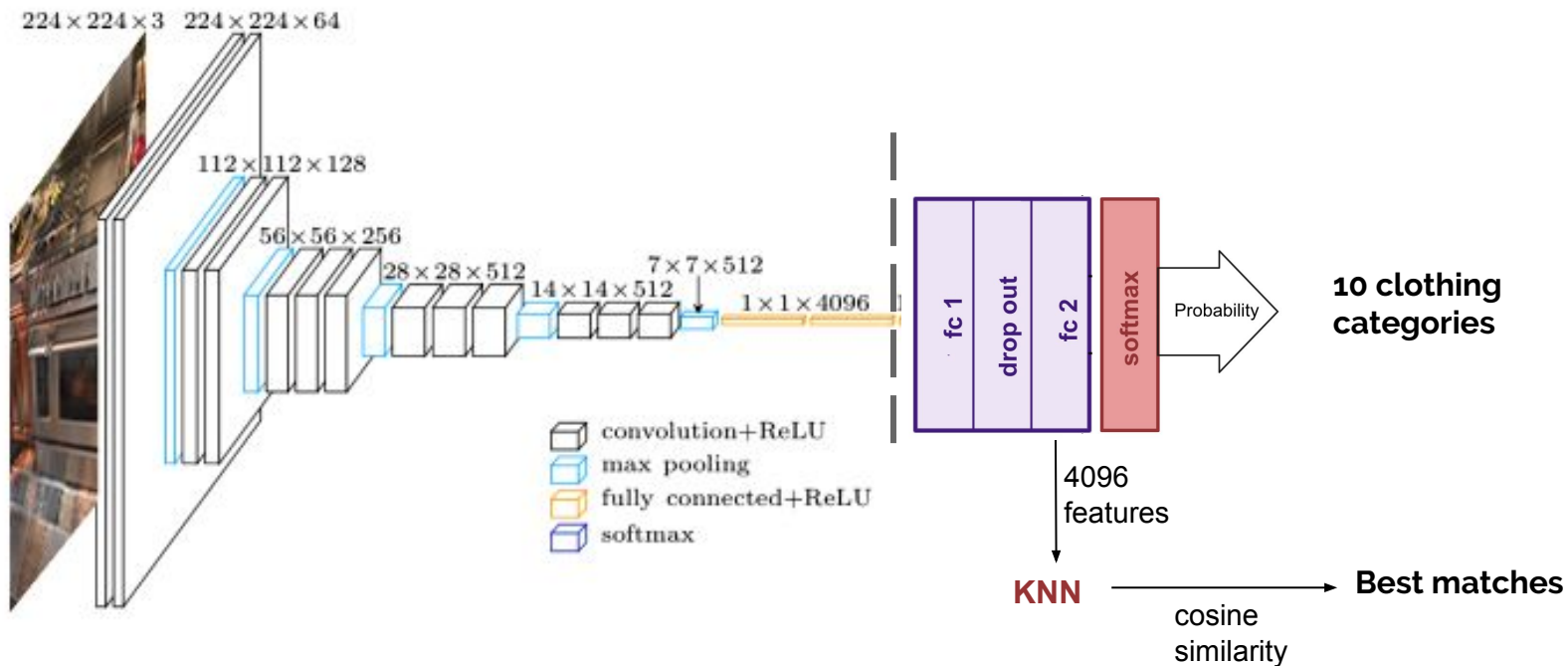
Average pixels 400 x 600

Clean background

Product price

THE MODEL

CNN (VGG16) + Transfer learning



THE DEMO



GIAMBATTISTA VALLI

floral print dress

\$2,053

THE DEMO



THE FUTURE WORKS

Image segmentation

More product categories

Bigger and real-time product inventory

Deploy Flask app for production

THE TOOLS

Data Collection: Shopstyle API

Data Manipulation: Pandas, Numpy

Model: Keras

Visualization: Matplotlib, Flask

Platform: AWS

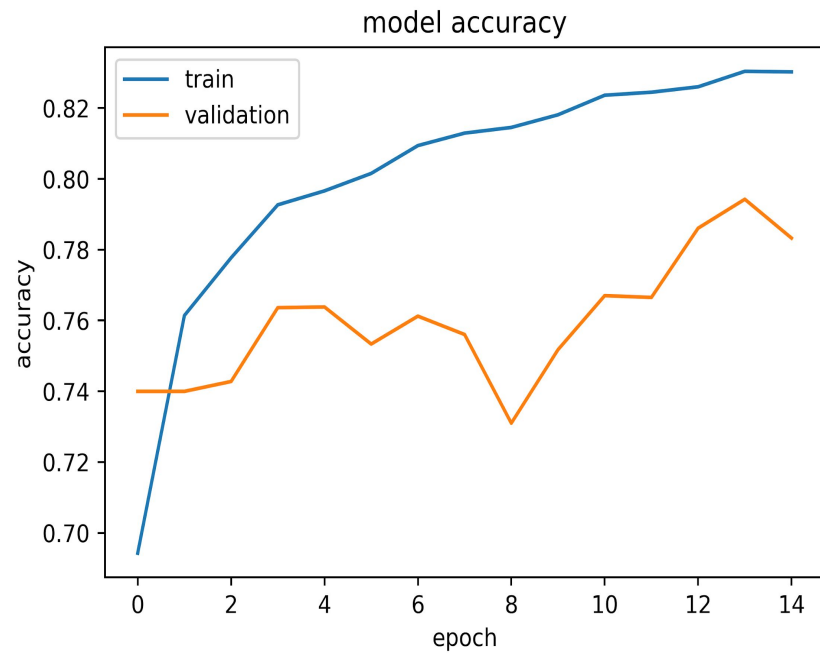


THANK YOU

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Appendix

THE MODEL

