

IMAGE CREATION USING GENERATIVE ADVERSARIAL NETWORKS (GAN) APPLIED TO THE FASHION INDUSTRY

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WHAT IS GAN?

- GAN STANDS FOR “GENERATIVE ADVERSARIAL NETWORKS” AND HAS BECOME VERY POPULAR ON OBJECT CREATION IN IMAGES.

Generator

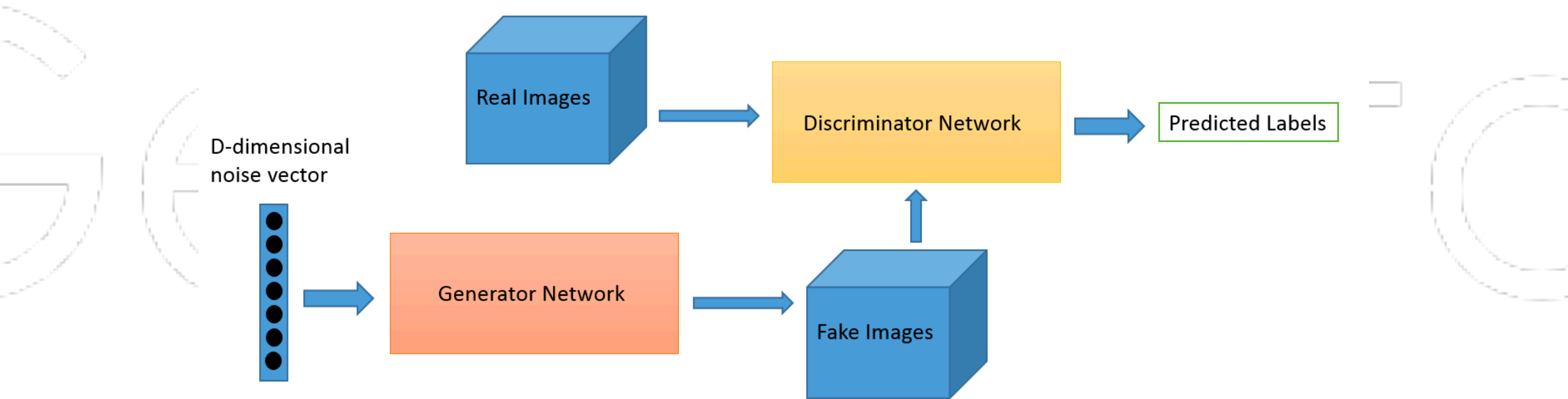


Discriminator

VS



INSIDE OF A GAN



<https://www.oreilly.com/ideas/deep-convolutional-generative-adversarial-networks-with-tensorflow>

HOW THEY WORK?

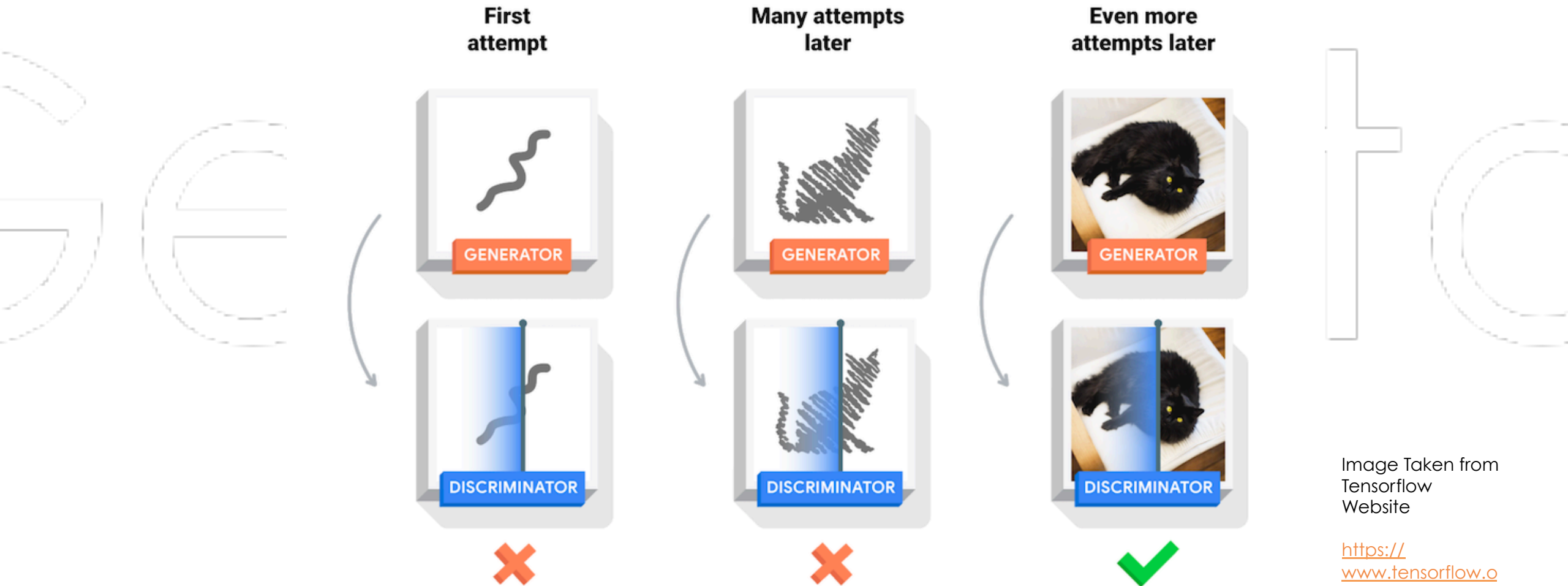
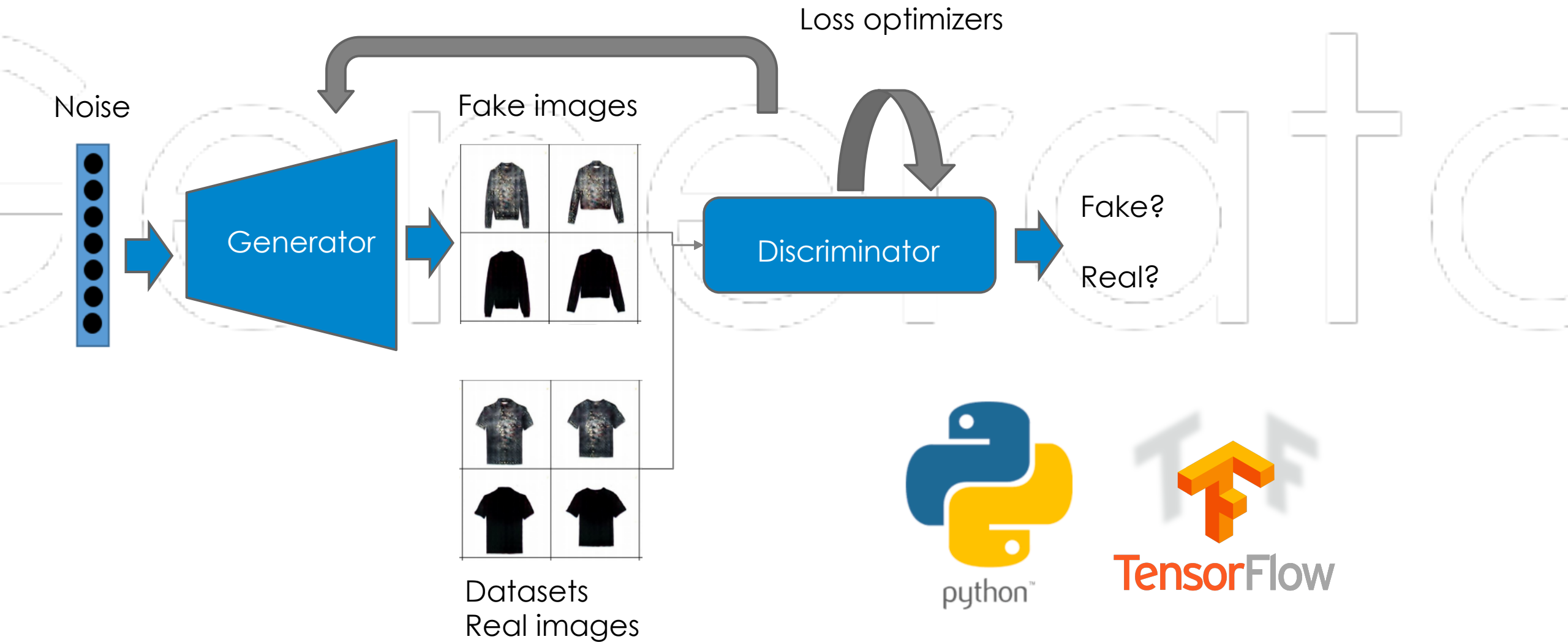


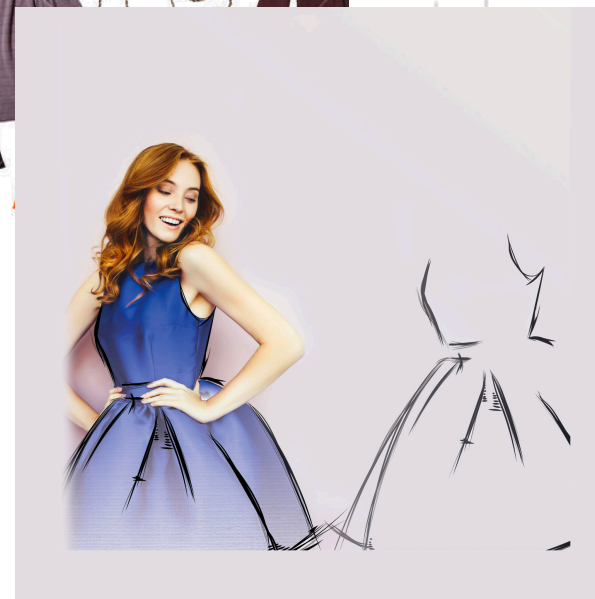
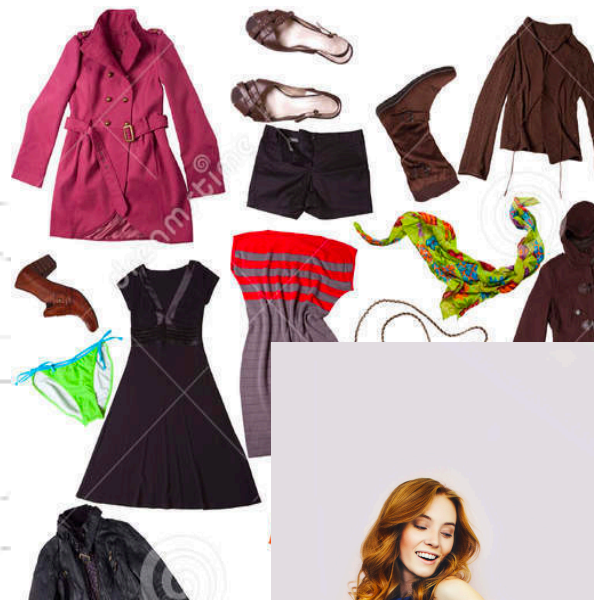
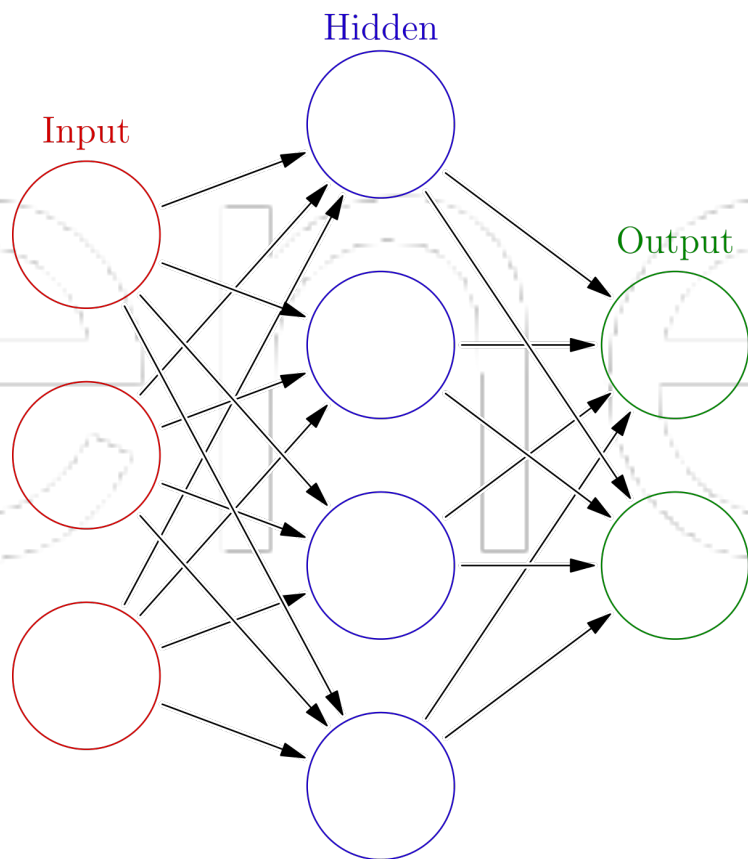
Image Taken from
Tensorflow
Website

[https://
www.tensorflow.o
rg/tutorials/
generative/
images/gan2.png](https://www.tensorflow.org/tutorials/generative/images/gan2.png)

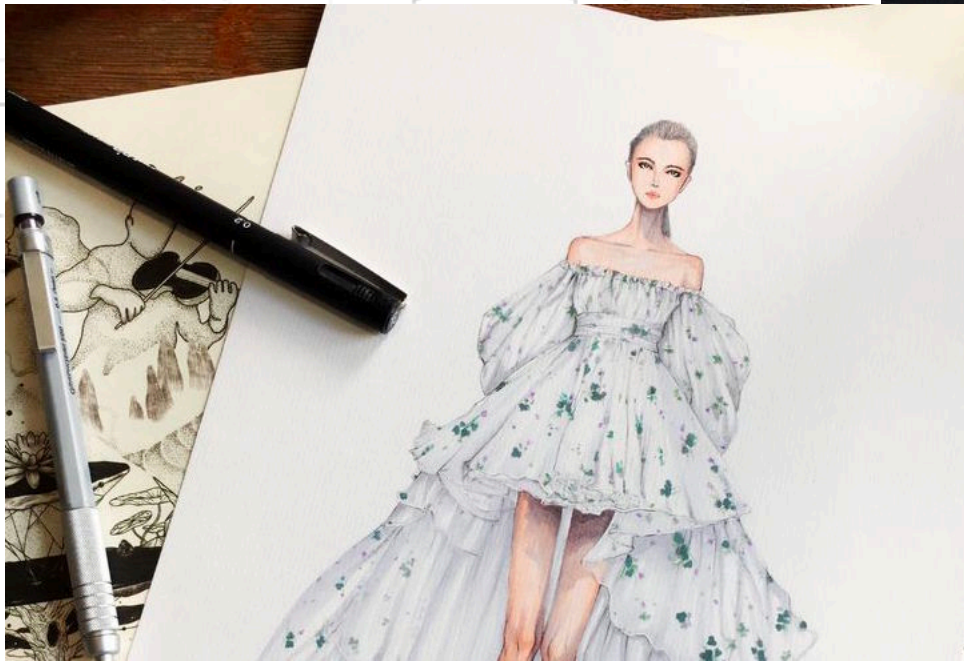
CREATING A GAN



THE FASHION INDUSTRY AND GANS

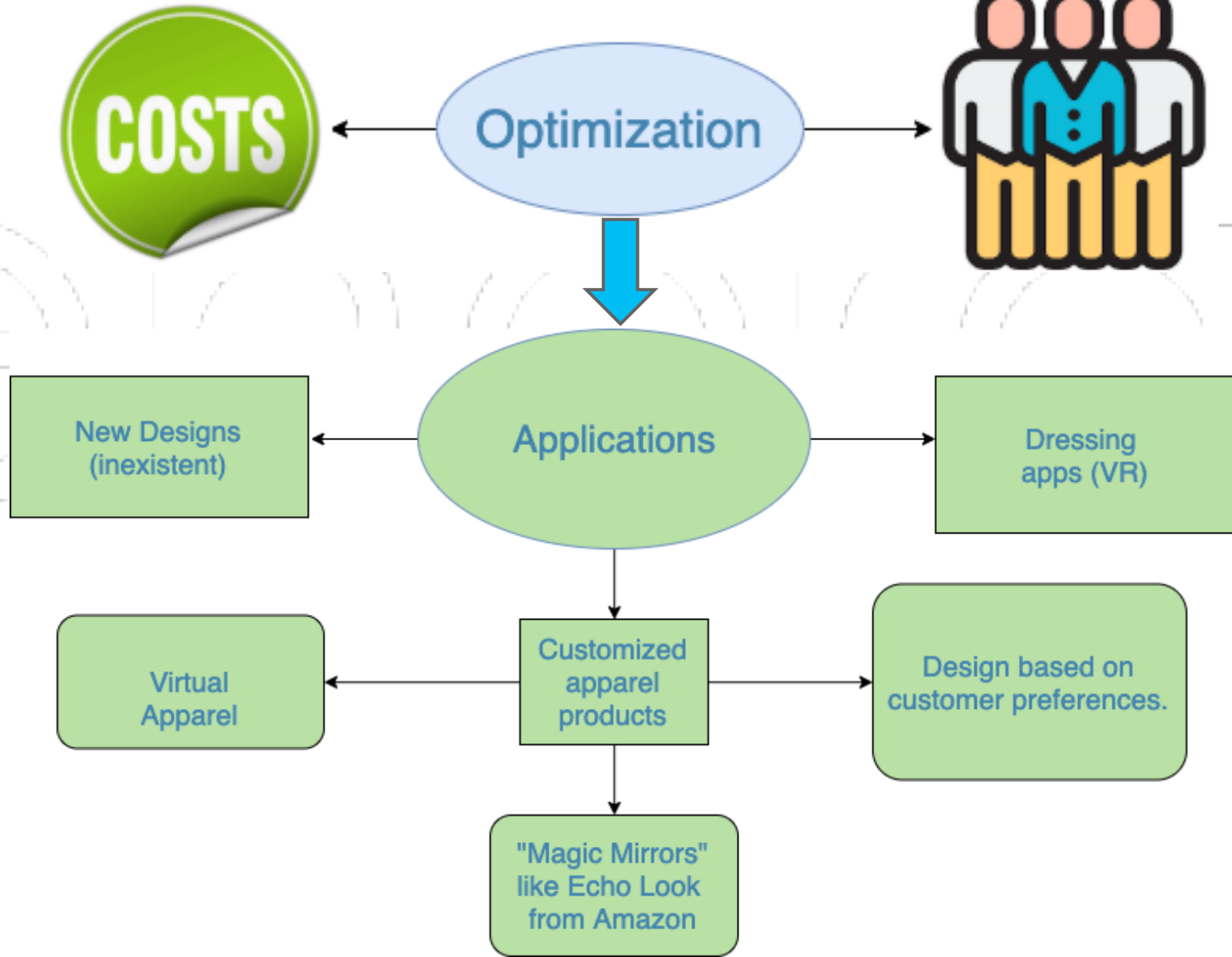


FASHION INDUSTRY AND GANS (2)



Fashion designers

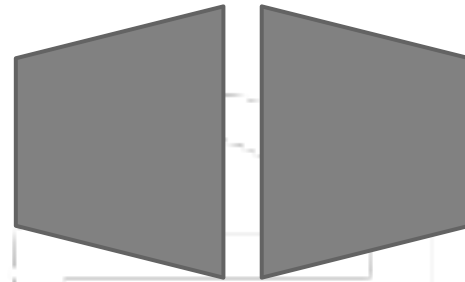
ADVANTAGES AND APPLICATIONS



CONCLUSIONS



Datasets



GAN



Output



Solutions



Google Cloud

THANK YOU ALL

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