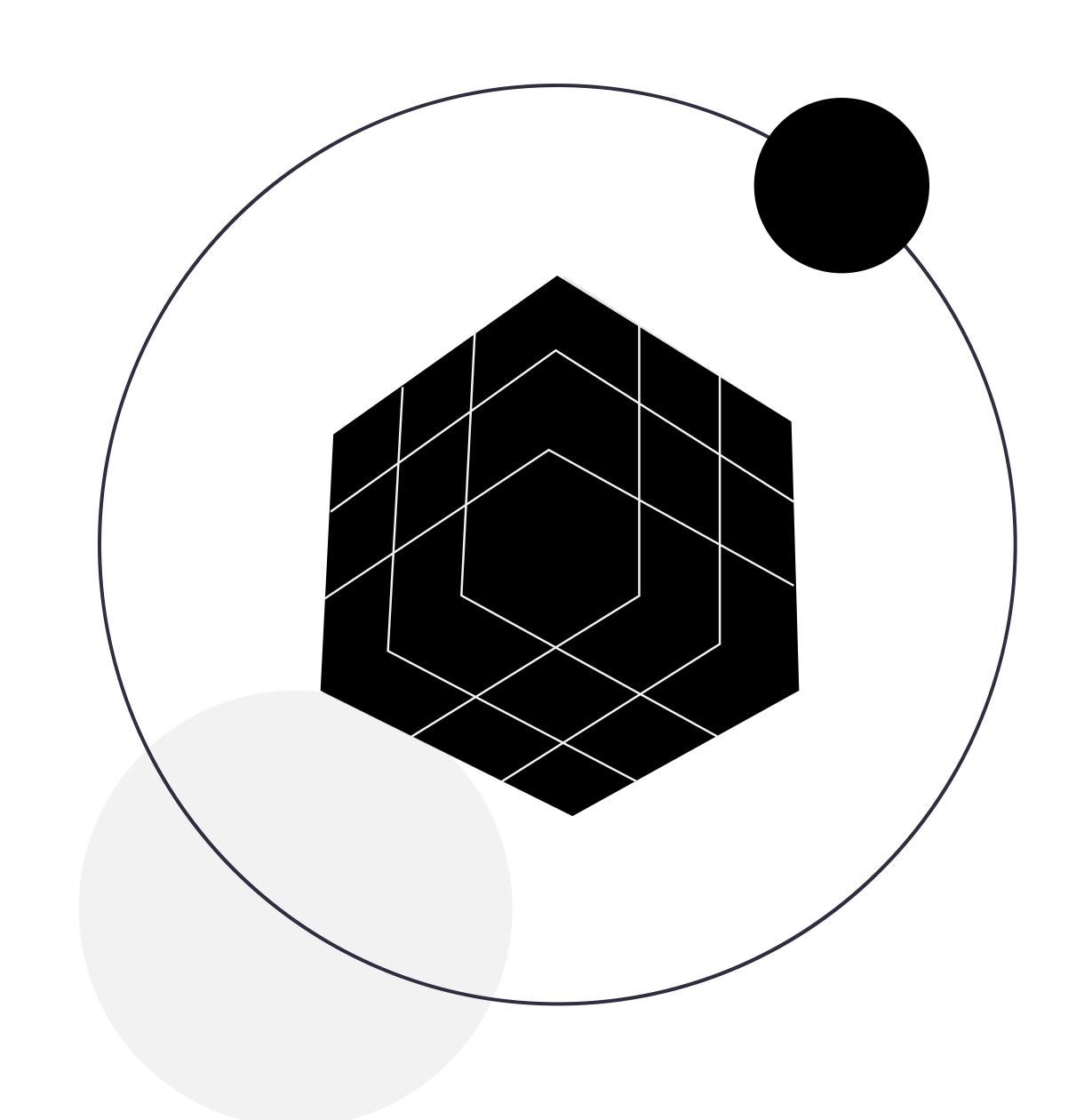
# 1 in 5 people get skin cancer.

Using the power of **Deep-Learning** to tackle the most common cancer in the United States.



Test Algorithm

## 9,500 people

in the U.S are diagnoised with skin cancer every day.

### > 1,000,000

Americans are living with melanoma.

#### **20**

Americans die from melanoma every day.

## \$8.1 Billion

annual treatment cost from 2007-2011 study.

Stats from aad.org

## MxResNet34

Mish-X-ResNet34. Our model is one of a kind and state of the art design as of December 2019. We trained on ~20,000 lession images from scratch.

This model uses a Mish Activation, Ranger Optimization.

99.0% Accuracy 99.7% Top-5 10ms Inference Speed

3M Parameters

# Notice

This project is not meant to serve a diagnosis for cancer. Using this algorithm is mainly for educational purposes.