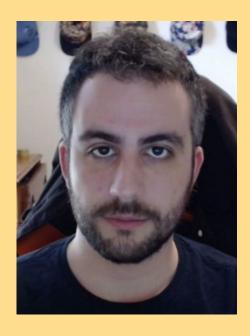
CLASSIFYING PRODUCE



THE TEAM





TIM CLEARY

Aspiring Data Scientist and Vegetable Enthusiast

BOTTOM LINE

AGENDA



DATA ANALYSIS

Understanding problems





MODELING

Finding solutions

RESULTS

How I can help you





MOVING FORWARD

Future goals

DATA

DATA



SOURCING

All of my data was found on Kaggle

SCOPE

~68k images totalled in 130 categories

PROCESS

Data was split 80/20 for use with Keras

MODELING

MODELING



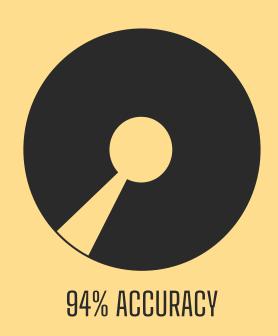


BASELINE MODEL

- Basic layers
- No real customization
- Surprising performance!

MODELING





ADVANCED MODEL

- Detailed layering
- Customized parameters
- Noticeable improvement

RESULTS

RESULTS





FINAL MODEL

99% accuracy on training and validation sets

Highly useful for potential stakeholders

Reproducible and easy to apply

FORWARD

MOVING FORWARD



CUSTOMIZE

Create a personalized dataset to increase performance



DEPLOY

Incorporate models into an easy-to-use application



TUNE

The best models require time and patience





EMAIL



<u>GITHUB</u>



LINKEDIN

THANK YOU!