

Saving Coffee



What's destroying your morning cup of joe?

Rust: a fungal disease that destroys leaves.



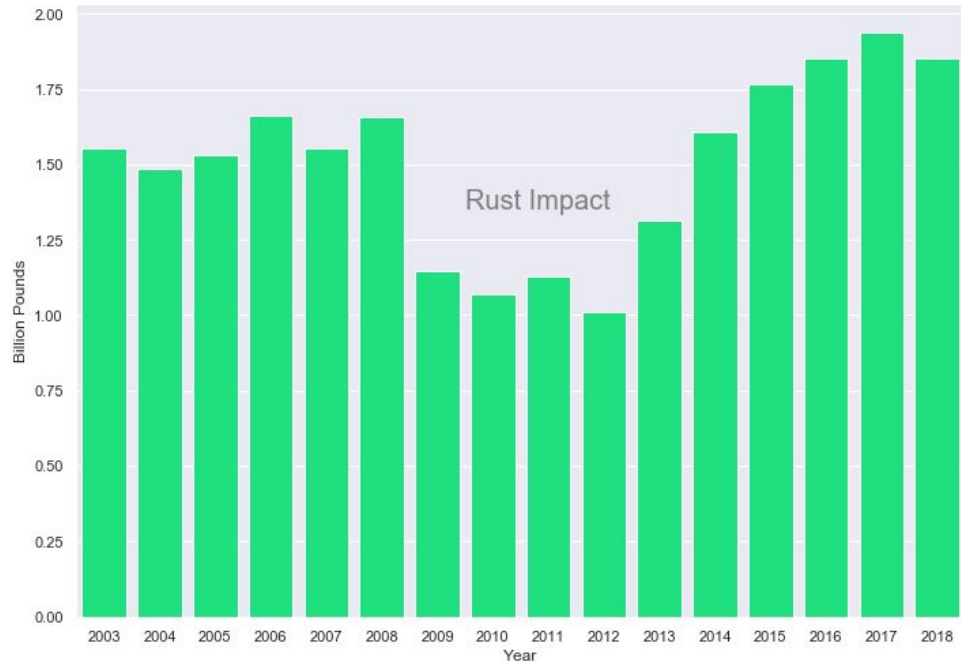
Red Spider Mites: small arachnids that eat leaves.



Devastating Colombia's Production

Output dropped 40%

Futures prices surged to all time highs



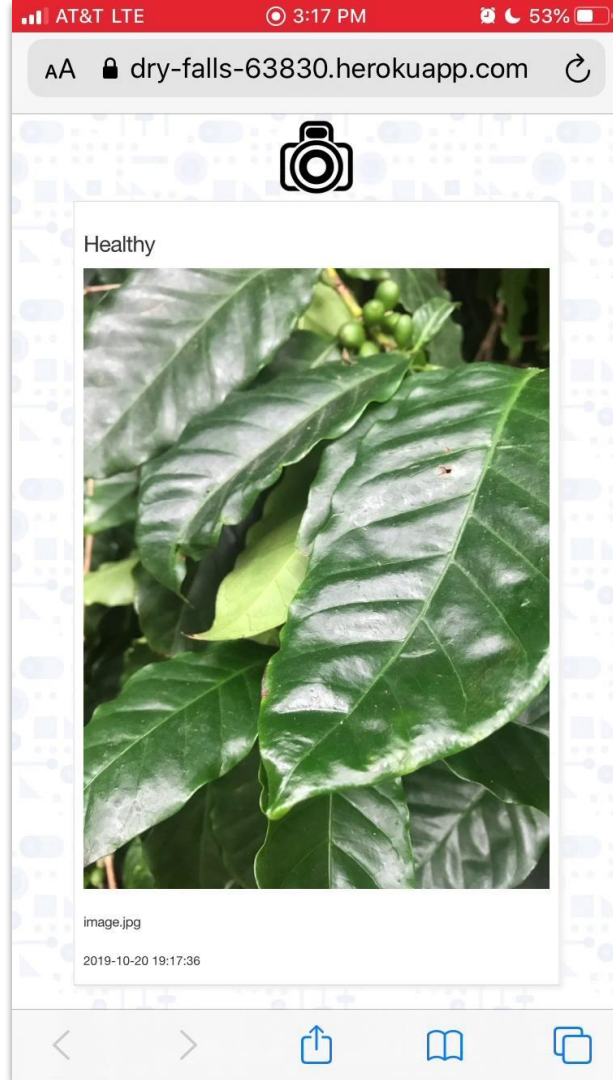
Enable Farmers to Identify Diseases



App in use

Take a picture from your phone

Upload from your PC



Rust outbreak at the Botanical Garden?



Future Applications

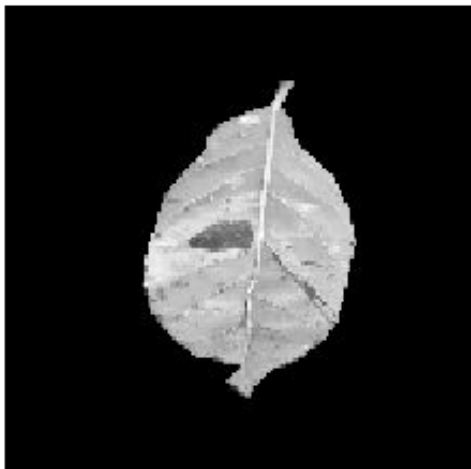
Drone monitoring

Infrared images

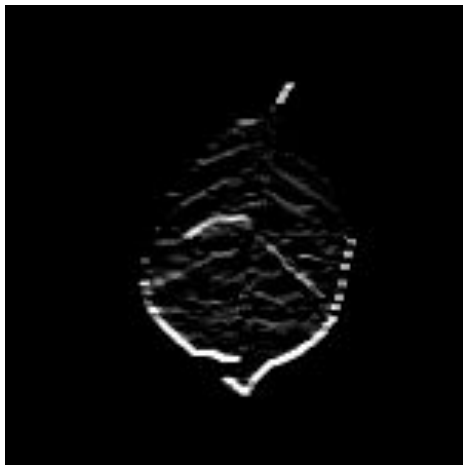


Extracting Features

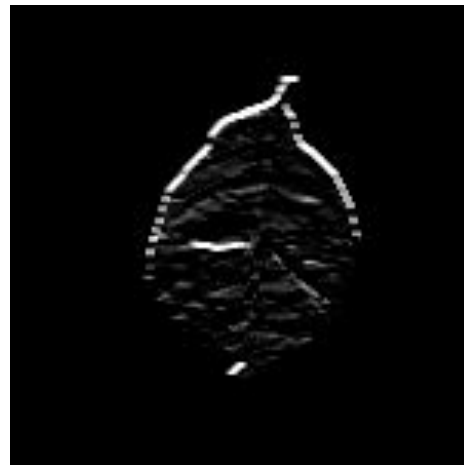
Original Image



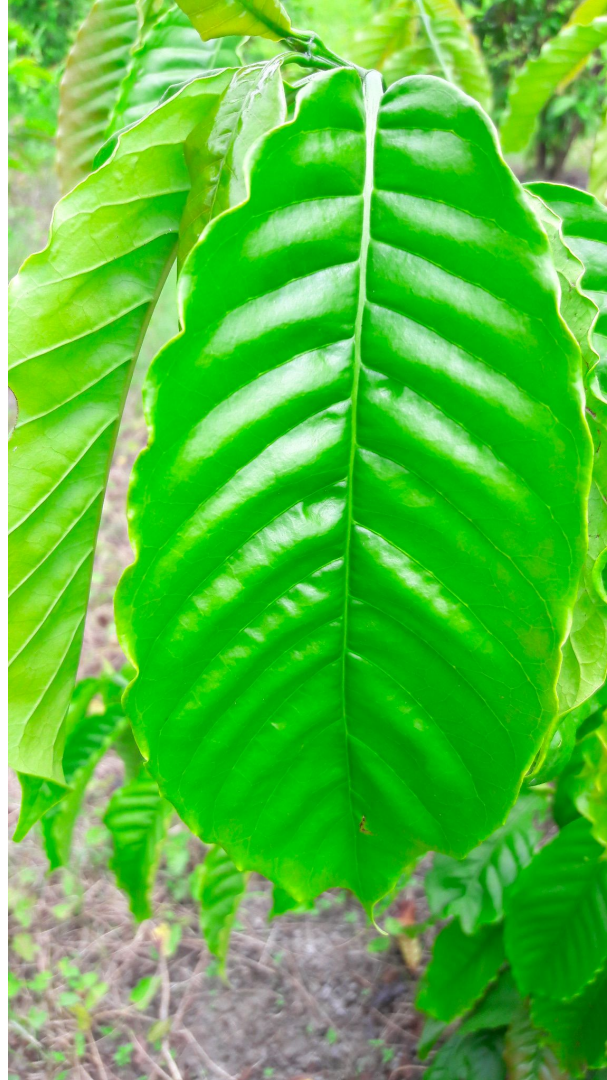
Horizontal Filter
Light to Dark



Horizontal Filter
Dark to Light



Healthy or not?



Thank you

Data Source

data.mendeley.com

Coursera

[Tensorflow in Practice](#)

App

<http://cropalert.herokuapp.com/>

