



EVIL
HARDWORKERS



McKinsey
& Company

WIT x AWS x Google x McKinsey & Company: Hackathon 2022



**KANIZ
KADER**



**KHAING
NAING**



**PENNY
PAN**

Executive Summary

EVIL
HARDWORKERS

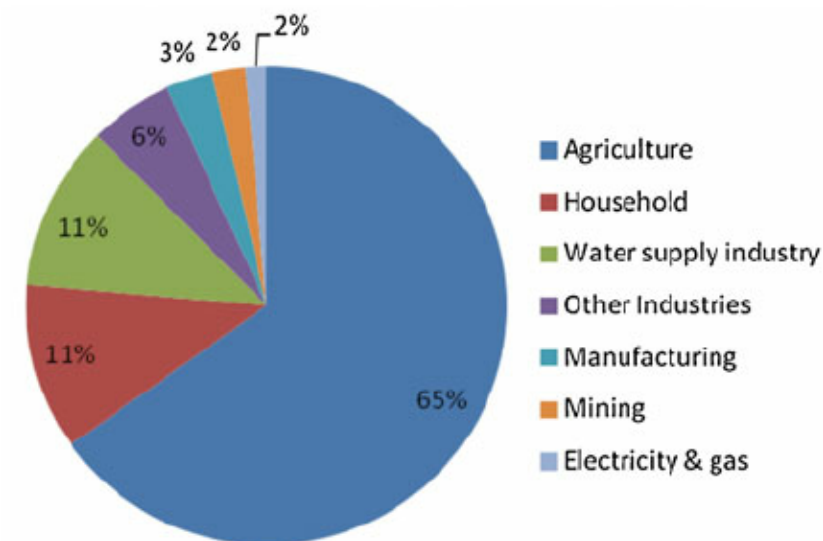
ISSUE

IMPROPER WATER USAGE DURING FARMING

65% of water is
used for
agriculture

SOLUTION

EASY
FARMER



40% of water is lost to
the environment due
to poor irrigation
systems

TARGET AUDIENCE

Australian
Farmers

Issue

EVIL
HARDWORKERS



Over irrigation



EASY FARMERS SOLUTION



Effects of Over Irrigation

STAGE 1

BACK END RESEARCH

- 1 Collect Rainfall , Soil Moisture, Vegetative Index Data
- 2 Processing Data and Model Training

STAGE 2

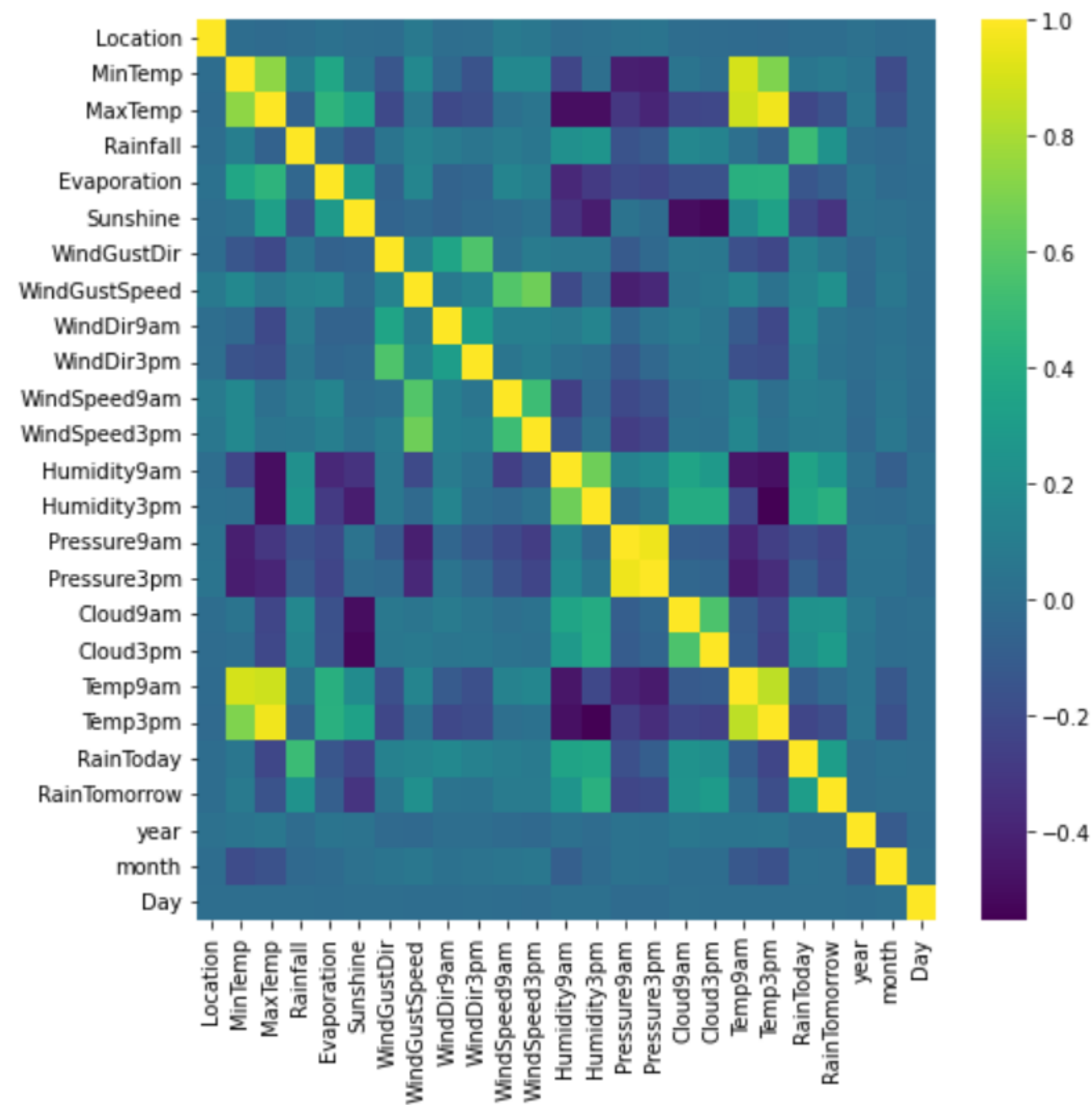
APPLICATION OUTPUT

- 1 Prediction gets inputted into EASYFARMERS APP
- 2 Farmer uses results to estimate irrigation amount needed

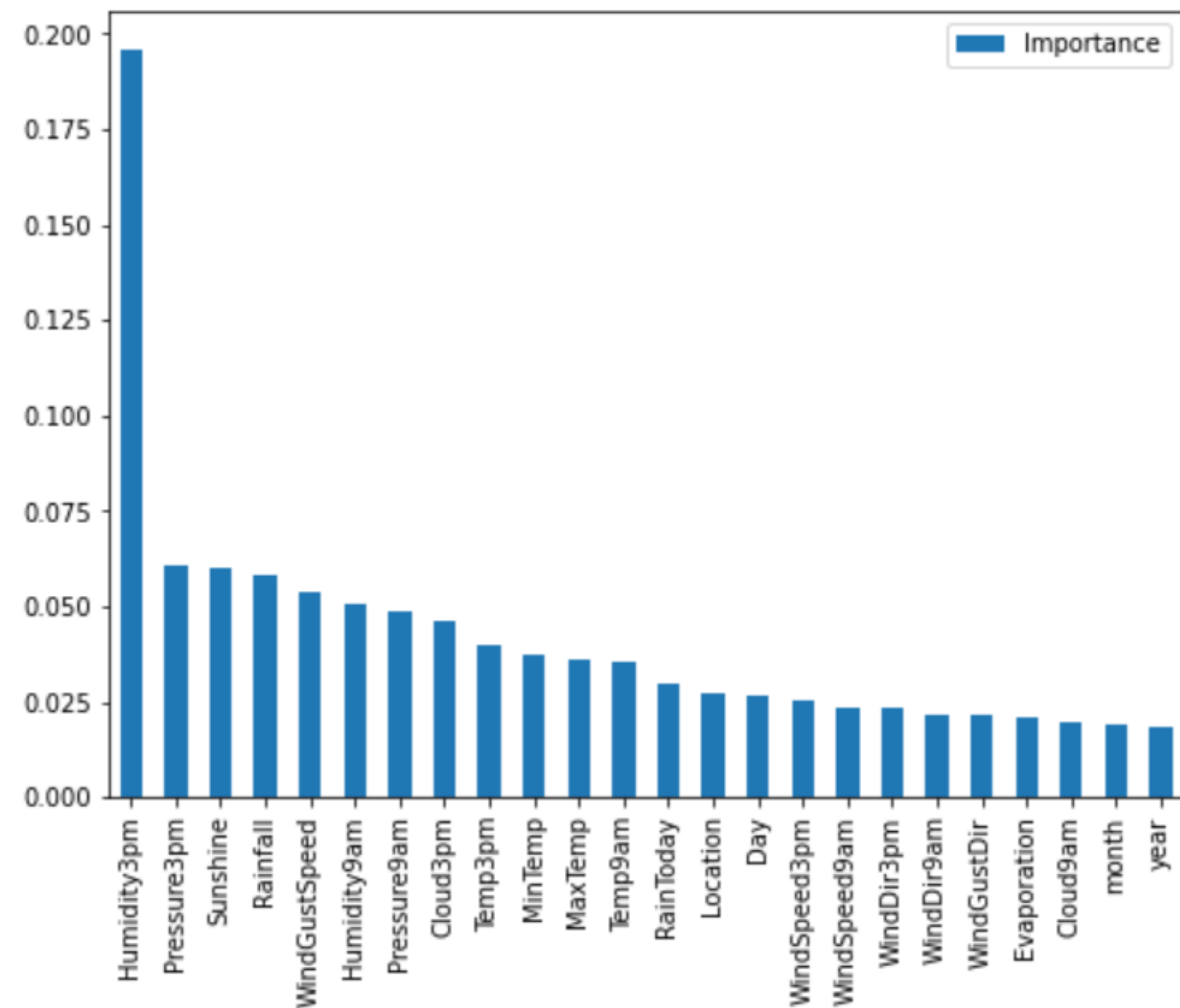
Stage 1

EVIL
HARDWORKERS

Rainfall Prediction



Accuracy Score: 40%



Stage 2

EVIL
HARDWORKERS



Impact

EVIL
HARDWORKERS

**SAVE 20%
OF WATER**

**DECREASE
VEGETABLE
AND FRUIT
PRICES**

THANK YOU!