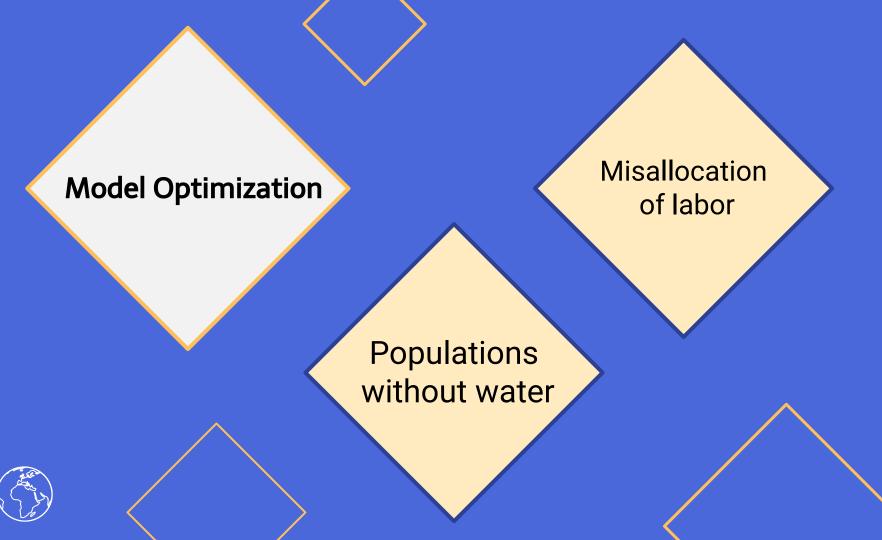


## Water, water everywhere?

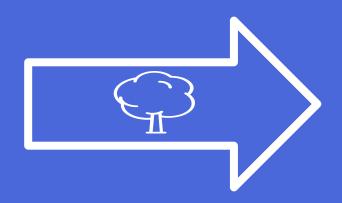














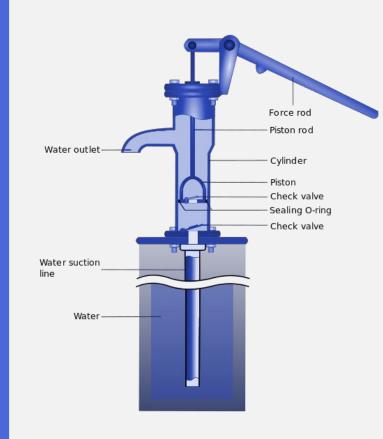






## **Dataset Characteristics**

- ~59,000 water pumps
- Collected between 2002 2014
  - From Ministry of Water & Taarifa
- 31 categorical, 9 numeric features









## Modeling & Evaluation



- Based on Decision Tree
- 82.7% accurate for all predictions
- 77.3% accurate for truly non-functional
- 83.4% accurate for predicted non-functional

