

SCHOOL OF AI - HEALTH HACK 2019

# AI TO PREDICT, IDENTIFY AND ALERT DROWNINGS

BRUNO MARTINS  
FELIPE PRADO  
LU TUNG  
LUANA BORGES  
RODRIGO PEREIRA



# RANKING OF ACCIDENTAL DROWNING DEATHS BETWEEN CHILDREN AGED 1 TO 4

Deaths (%)



# DROWNING DEATH STATISTICS

10

IN EUA PER DAY

17

IN BRAZIL PER DAY

360.000

IN THE WORLD PER YEAR

Sources:

<https://www.cdc.gov/HomeandRecreationalSafety/Water-Safety/waterinjuries-factsheet.html>

<http://www.who.int/mediacentre/factsheets/fs347/en/>

<https://www.bbc.com/portuguese/brasil-44504539>

PREVENTION IS BETTER THAN CURE





# VIABILITY

## EUA

1º PLACE IN THE WORLD RANKING  
IN NUMBER OF SWIMMING  
POOLS

## BRAZIL

2º PLACE IN THE WORLD  
RANKING IN NUMBER OF  
SWIMMING POOLS

## COSTS

EQUIPMENT: \$600  
INSTALLATION: \$200  
SERVICES: \$300

Sources:

Anapp - Associação Nacional de Fabricantes, Construtores de Piscinas e Produtos Afins

THANK YOU!

