

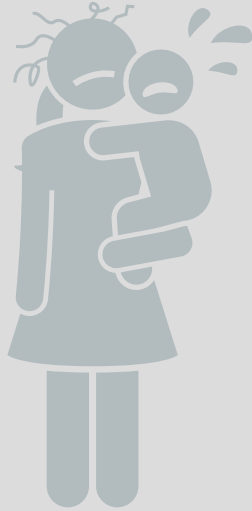


# CATCH A CRY

IZZY ABULHOSN, JORDAN  
AUERBACH, NATALIE ERJAVEC,  
AND JAS JOHAL IN PARTNERSHIP  
WITH OBVIOHEALTH

## THE PROBLEM

Handwritten logs  
measure crying in  
clinical trials, but are  
difficult and inaccurate



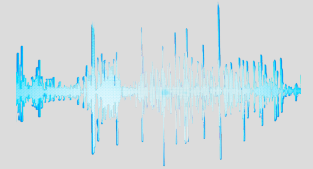
## THE SOLUTION RESEARCH

Explore other sound-  
based machine  
learning algorithms



## COLLECT DATA

Gather hours of  
crying data to train  
the model



## THE NEED

Clinicians  
require  
accurate data  
to better  
understand  
babies'  
behavior



## CODE

Write algorithms using  
Python



## GRAPH

Create graphical  
representations of  
similarities of the cries

