

Silbert et al, PNAS 2014  
Stephens et al, PNAS 2010



# LATE 1990's

# YOU CAN CLICK BUT YOU CAN'T HIDE

**I**

**ILLEGAL DOWNLOADING**

Inappropriate for All Ages



WHEN YOU PIRATE MP3S,  
YOU'RE DOWNLOADING  
**COMMUNISM**



A REMINDER  
*from the*  
**Recording Industry Association of America**

# EARLY 2000's

Don't be an iPirate.  
You'll Lose Yer Loot.























<https://youtu.be/PLnh36S6Lj8>



+



= SENSOR DATA







**15 years old ...**

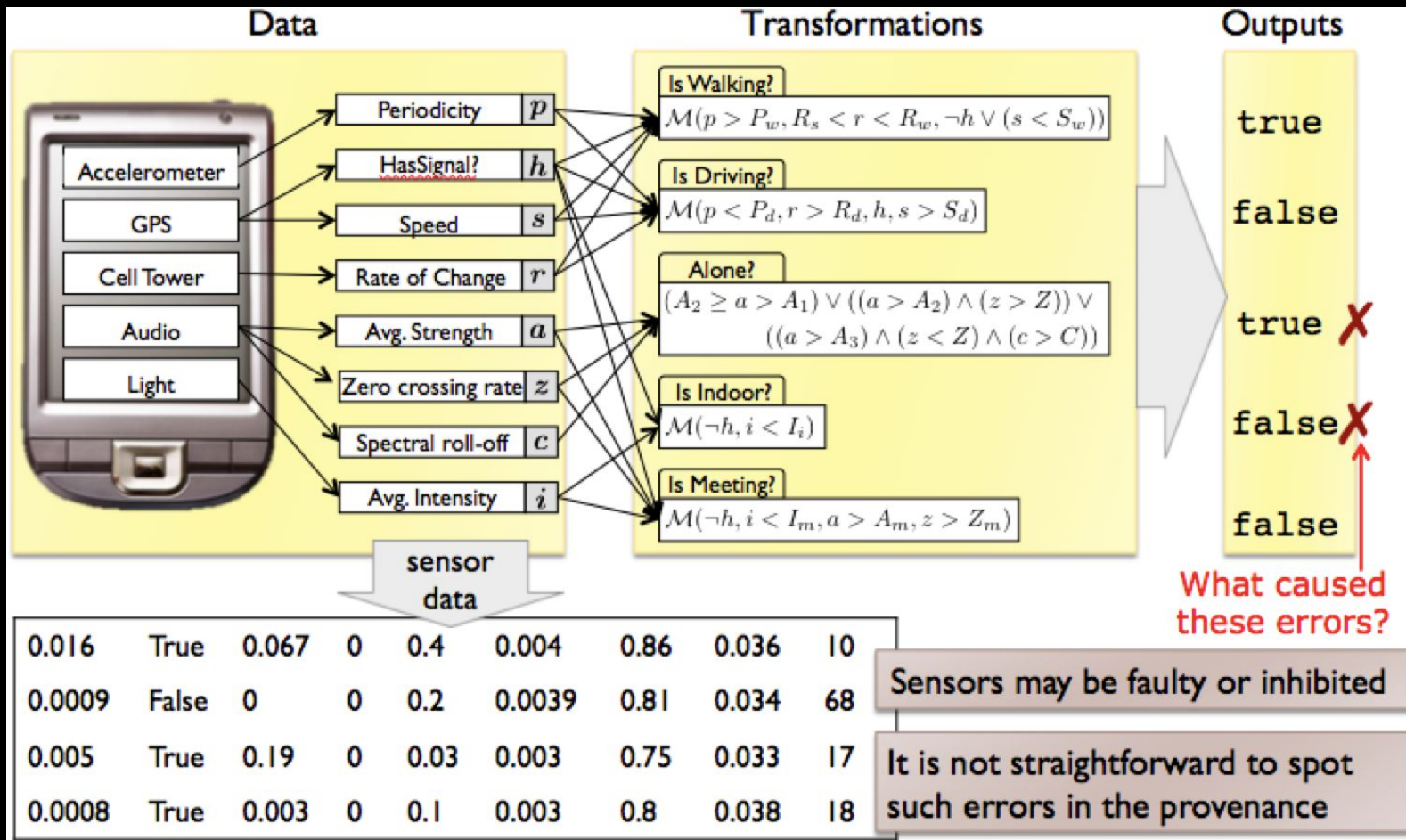




**creating cell phone  
jammers for  
street races . . .**











# Kshendra Paul

**Cloud Action Officer & Deputy Director,  
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# Phil Harvey

**Technical Director & Principal Engineering Fellow,  
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**WE CAN DO MORE  
WHEN WE WORK  
TOGETHER**