

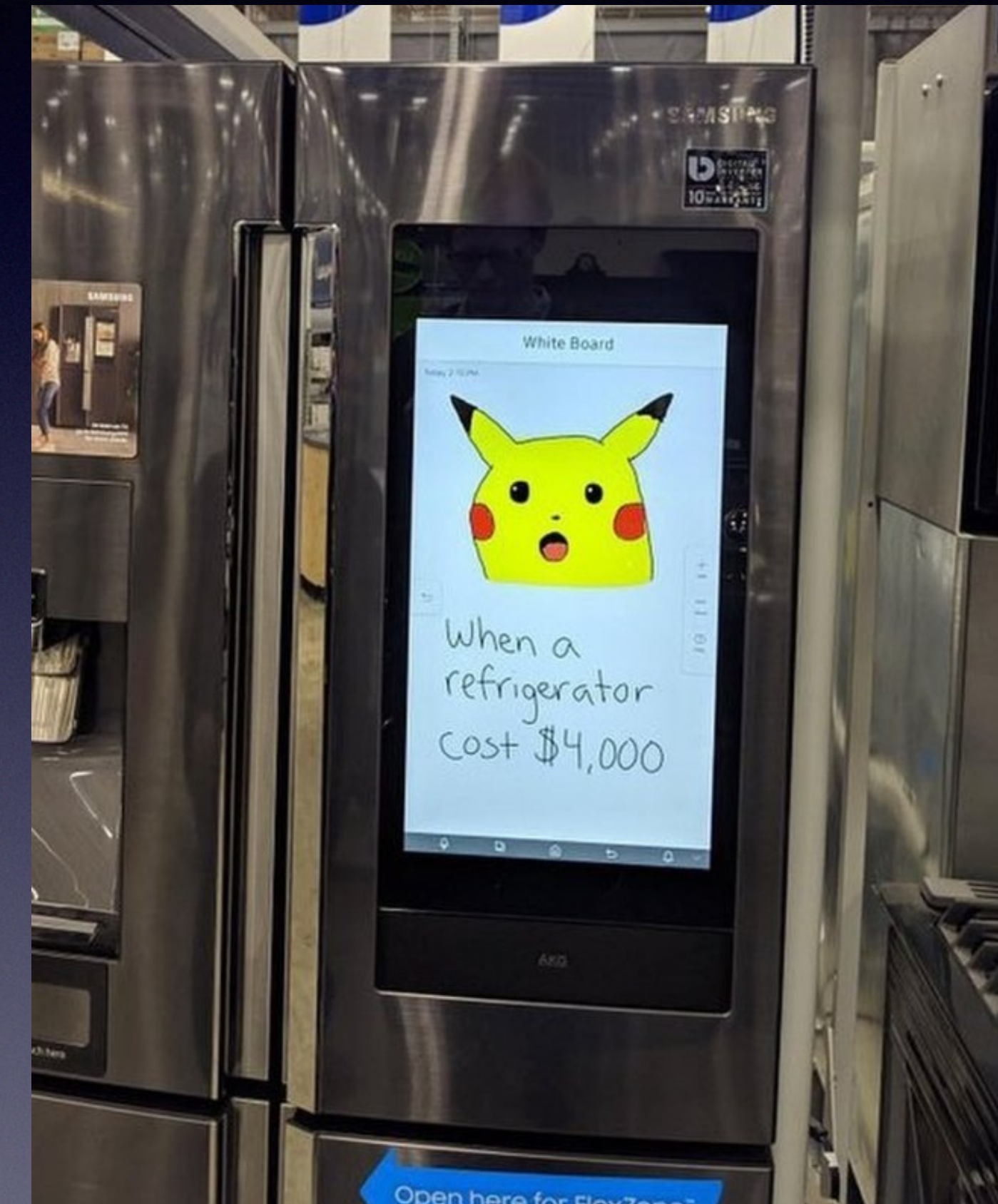
Predictive Maintenance on IOT devices

Team Crouching Tigers 
Chuangxin Xia, Risheng Wang, Yifan Li

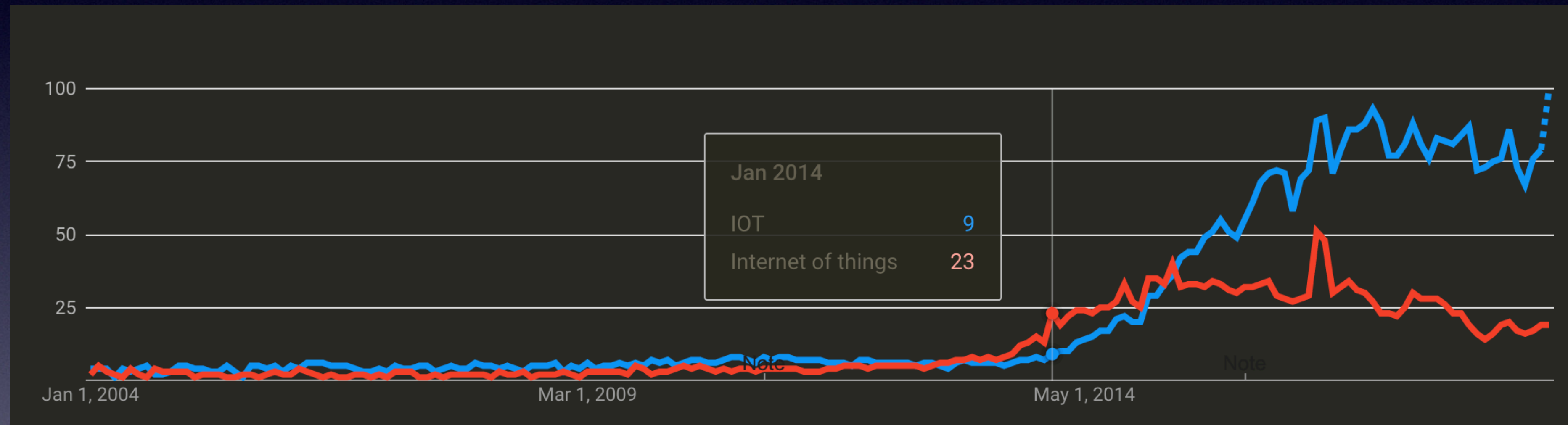
How y'all holding up?

5W1H

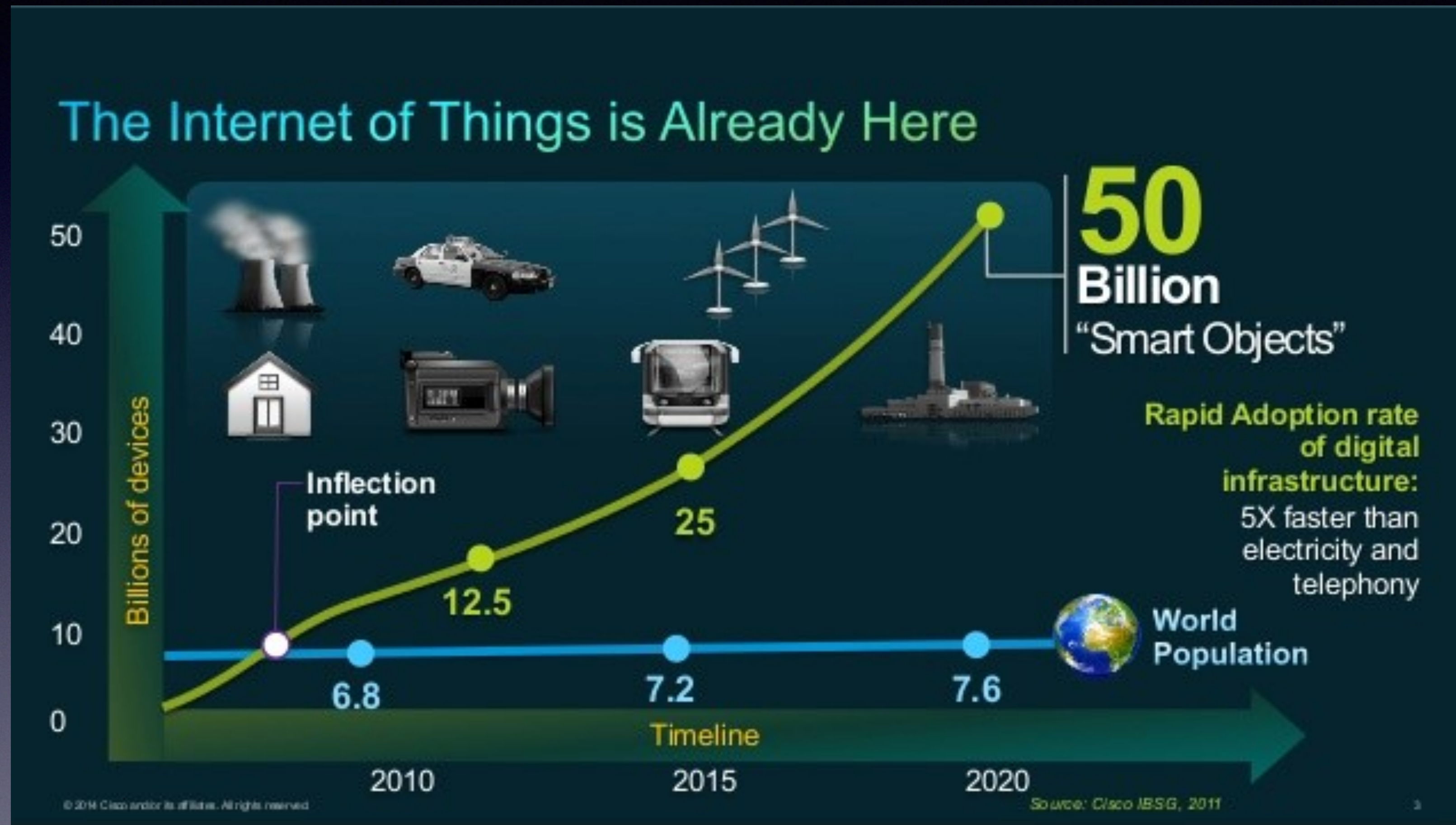
- What is the problem?
- Why is it important?
- Who can benefit from it?
- How to approach it?



More Than Just A Fad



The Problem








Beneficiary

- Agriculture 🌾
- Automobile 🚗
- Construction 🏗️
- Healthcare 🩺
- Retail 🧾
- ...



Our Approach

- Regression  (mean square error **0.05**)
- Classification  (**74%** accuracy at best)
- Anomaly detection 
- Survival model 
- Kafka or NodeJS server 



Thank You!

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Catch you on the flippity flip.