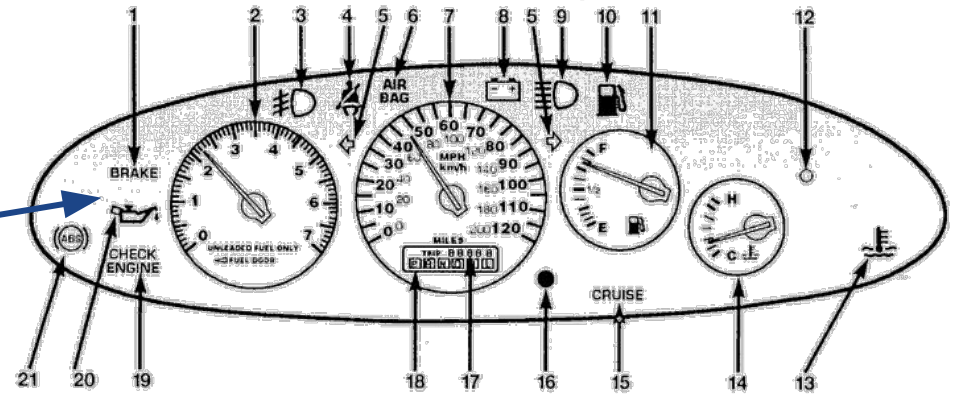
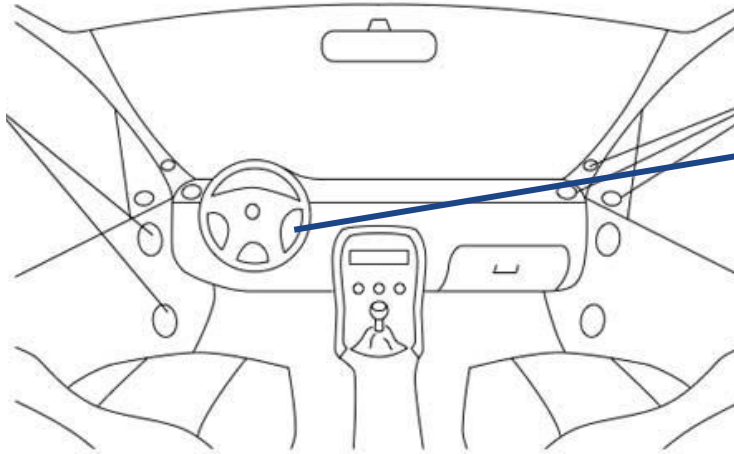


# CREATING & MAINTAINING IMPACTFUL DASHBOARDS

**Jessica White**

Software Developer at **UNiDAYS**

# WHAT'S THE PURPOSE?



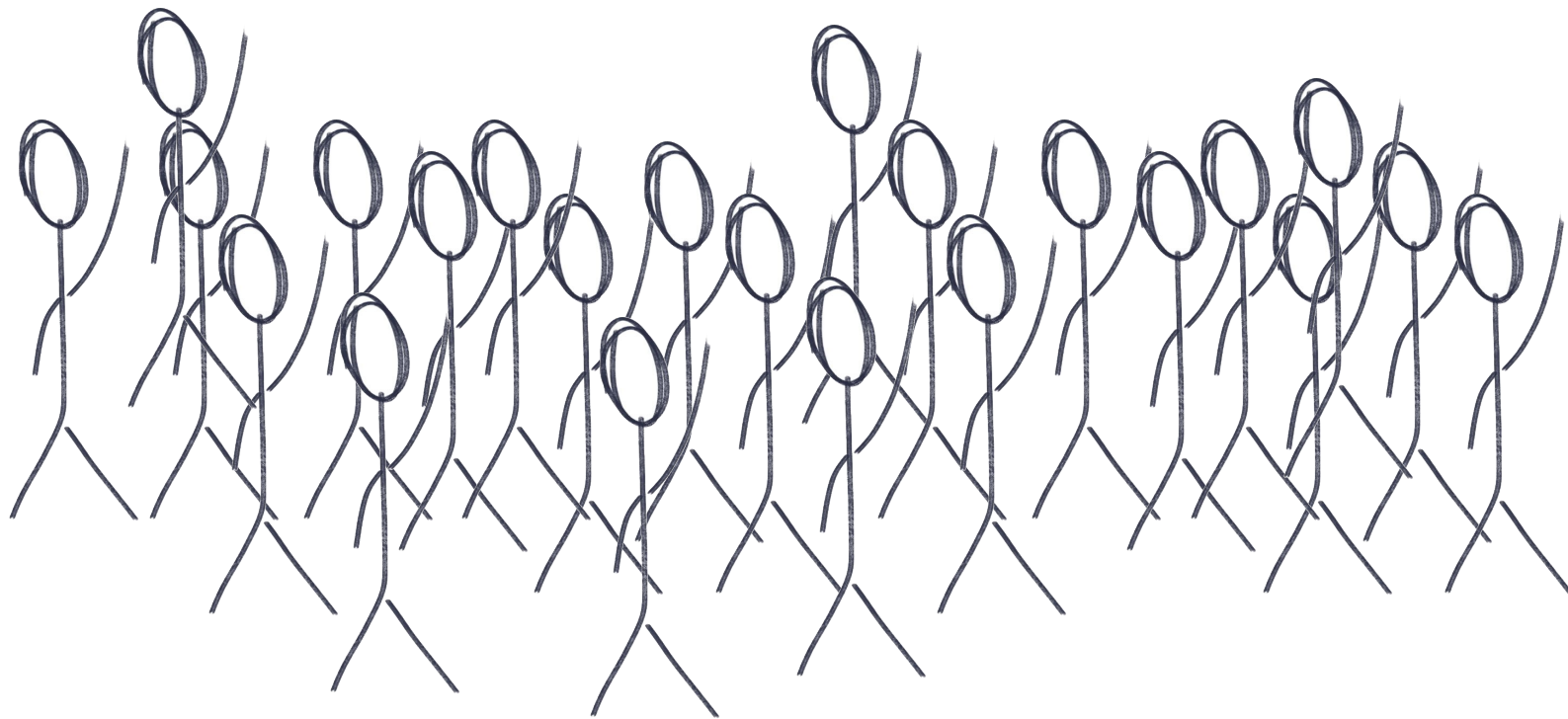
"IF YOU DON'T MEASURE IT, YOU CAN'T MANAGE IT"

"IF YOU DON'T MEASURE IT, YOU CAN'T IMPROVE IT"

"IF YOU DON'T MEASURE IT, YOU PROBABLY DON'T CARE"

"IF YOU CAN'T INFLUENCE IT, THEN DON'T MEASURE IT"

— RANDY A. STEINBERG



DASHBOARDING IS HARD TO DO  
RIGHT

WHERE DO I START?

# TALKING TO STAKEHOLDERS

What do you want?

# TALKING TO STAKEHOLDERS

~~What do you want?~~

What do you need?

What are the company objectives?

How might it fail?

How do you know an app / feature is working?

What are the KPI's

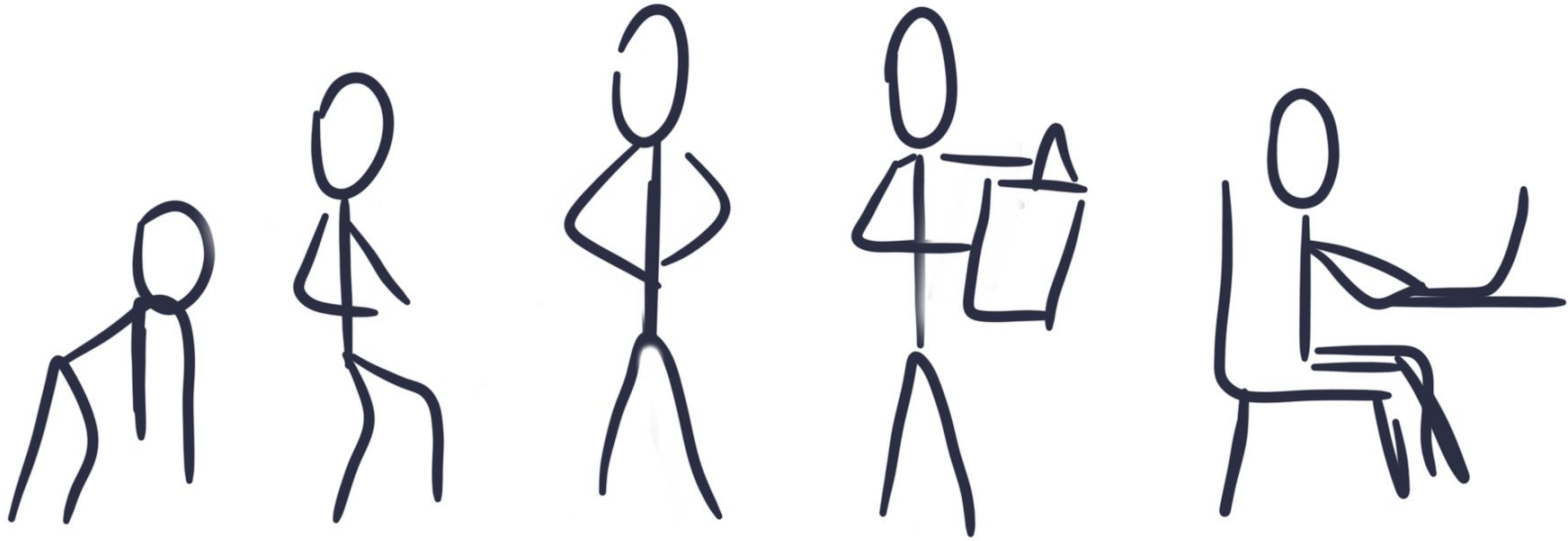
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# REQUIREMENT GATHERING AND PUSHING BACK



- **WHY** do you need this information?
- **WHY** does it need to live on the dashboard?
- **WHAT** does it provide?
- **COULD** it live somewhere else?



**Lifetimes**

# LAYERS



# TOOLS



# HOW CAN I PICK WHICH TOOL TO USE?

## USER / DEVELOPMENT CONCERNS

- Is it for a particular type of monitoring?
- Does it need to be accessible?
- What data sources does it support?
- Can the tool cover the type of queries you will be most commonly using?
- Does your team have experience / how steep is the learning curve / are the learning resources good.

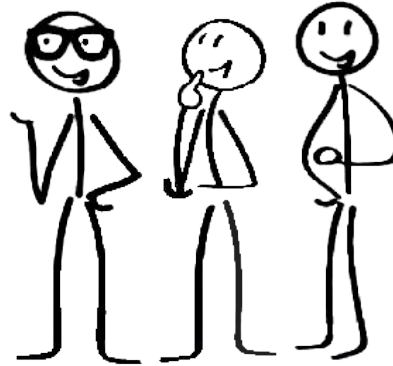
## COST & HOSTING

- What's the budget?
- Do you want to self host or have hosting provided?

## OTHER FEATURES

- Does it support alerting in a way that's useful to you?

DO YOU HAVE  
NUMEROUS DATA  
SOURCES?



**The Choice Is Yours**



DO YOU HAVE  
NUMEROUS DATA  
SOURCES?



NO!



NO!



YES!



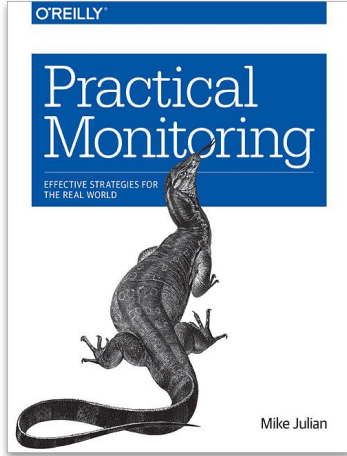
**The Choice Is Yours**

# WE HAVE A WINNER!



- Can do the type of monitoring needed
- Team is familiar with it
- Cheap
- Multiple hosting options
- Multiple data source options
- Alerting on a suitable messaging format
- Shareable dashboards





[HTTPS://JESSWHITE.CO.UK/](https://jesswhite.co.uk/)



**Where can I learn more?**

- Dashboards are great for unity, transparency and purpose
- Scientific Method
- Consider the audience
- Asking the right questions and pushing back
- Layers of dashboard
- Tooling / Picking the right tool for you
- Resources



**What we've covered**

THANKS!  
ANY QUESTIONS?

