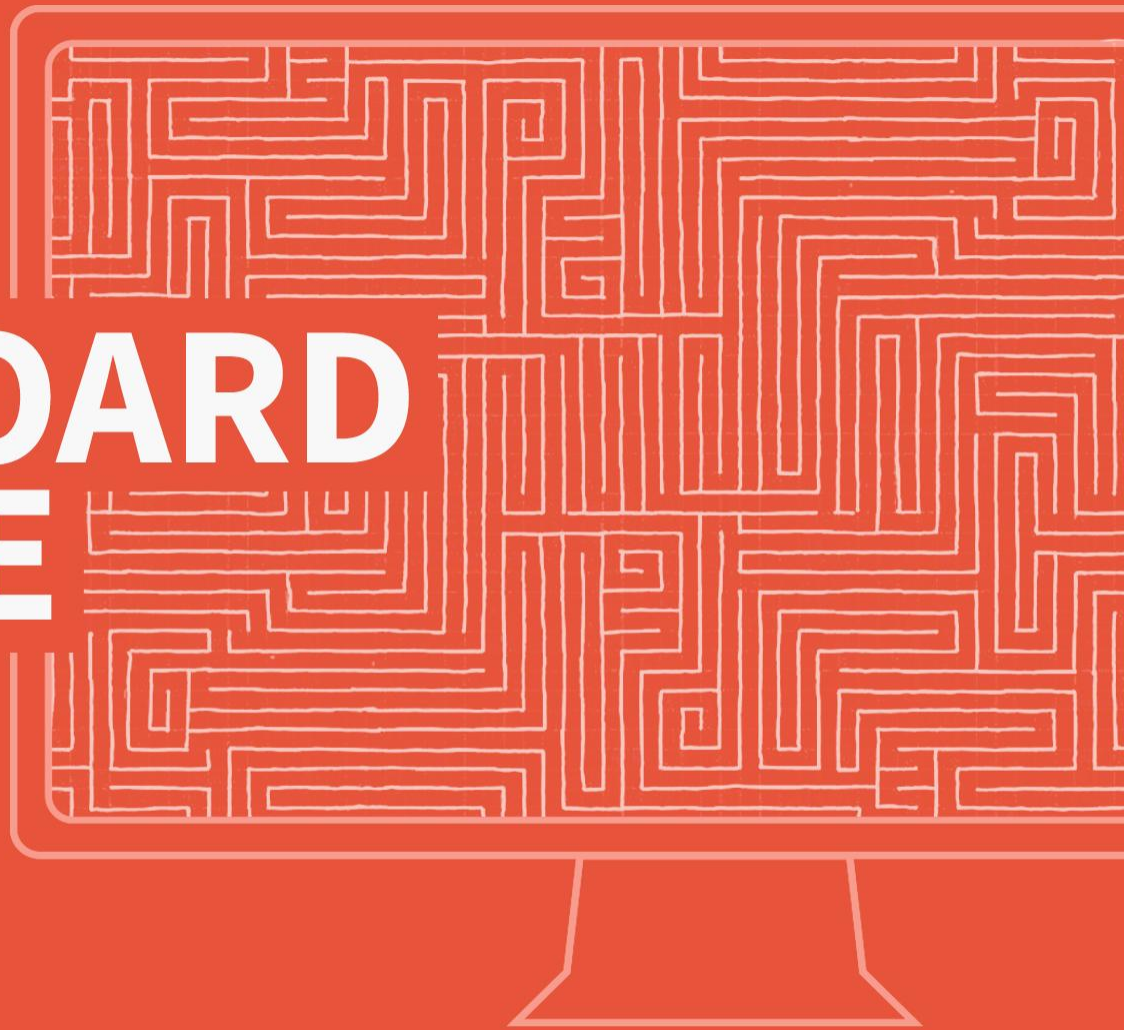


# AVOID DASHBOARD FATIGUE

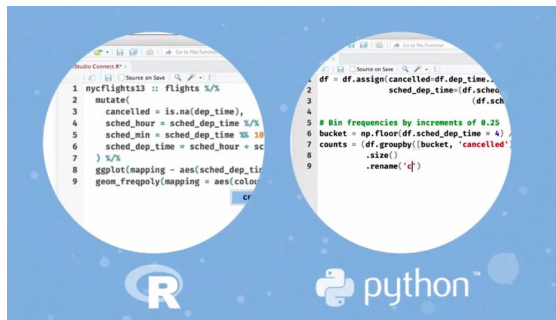
Sean Lopp &  
Rich Iannone



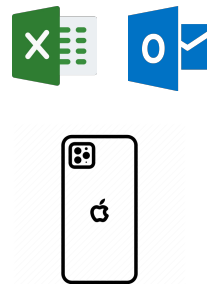
# Resources

- Recording will be available
- Slides and Code: <https://rstd.io/beyond>

# What makes an effective data science team?



Data Scientists



Decisions Makers



Dashboards



On-demand  
& Scheduled  
Reports



Interactive  
Applications



Presentations



APIs



**Angela Bassa**

@AngeBassa



How do you keep track of all your dashboards?!

4:38 PM · May 21, 2020 · [Twitter for iPhone](#)

**11** Retweets   **46** Likes





**Kiyo** @Cute\_Data · May 22



Replying to [@AngeBassa](#)

Make a dashboard of all the dashboards, and I'm happy to see I'm not the only one who does this! 😂😂😂





**Víctor Marín** @Erthelillo · May 21



Replying to [@AngeBassa](#)

A doc with an index and pray for data analysts to update It (me included)



2





**Henrik Varmer** @Varmer · May 22



Replying to @AngeBassa

Oh we don't. 🤪 It's pretty much chaos at this point



1





# The Problem:

Waiting for decision makers to visit your work  
doesn't close the gap

Why don't you create a shiny app? You wouldn't have to copy and paste and it'd be more interactive. Plus then you'd be cool like RStudio!

Me

Dave has been looking at the same spreadsheet every week for 6 years. The last guy, Connor, tried to add error bounds and got torn to shreds.

Wife

(with scorn, disdain, and pity)



# The (Other) Problem:





Fire drills that kill team productivity



# The Solution

- Proactively push results to stakeholders
- Format results exactly
- Send alerts conditionally
- With robust automation

[RStudio Connect] RSPM Binaries Alert: 2 missing packages Inbox x  

 **Greg Lin**  
to no-reply ▾ Tue, May 12, 12:22 PM   

**RSPM Binaries Alert: 2 missing packages**

| OS     | RVersion | Total |
|--------|----------|-------|
| xenial | 3.2      | 2     |

**Packages**

| Package | Rank | OS     | RVersion |
|---------|------|--------|----------|
| knitr   | 21   | xenial | 3.2      |
| highr   | 48   | xenial | 3.2      |

This message was generated at Tuesday, May 12, 2020 at 6:22 PM (UTC).

This Version: [https://connect.rstudio.com/rspm-binary-coverage/\\_rev28206/](https://connect.rstudio.com/rspm-binary-coverage/_rev28206/)  
Latest Version: <https://connect.rstudio.com/rspm-binary-coverage/>

# Real Life Success Stories

*“We monitor hardware uptime, and when things go awry we send our vendors alerts letting them know of the problem and our SLA. It would’ve taken us hours to do this in Jira, but the code can be re-used easily for each vendor and SLA.*

**- Capacity Data Scientist @ Large IaaS Provider**

# Real Life Success Stories

*“We have a report for each division manager, about 30 in total. Every week the report tracks employee overtime, and if the total goes above the manager’s threshold they receive an email with a table showing each employee’s hours.*

**- People Ops Analyst @ High Tech Manufacture**

# The Solution

- Proactively push results to stakeholders
- Format results exactly
- Send alerts conditionally
- With robust automation
- Using code that is fun to write!



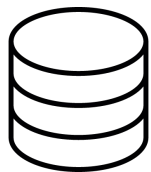
```
if ( condition ) {alert! } else {maybe not }
```





# Demo

Data



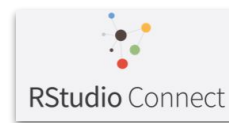
Insight &  
1st Sharing



Delightful  
Code



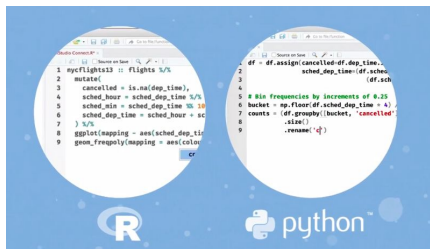
Automation



Decisions!



# Summary



Data Scientists



Decisions Makers

- **Data science teams** are more effective when they proactively distribute their work
- **Data scientists** can enjoy being proactive with a rich toolkit of code
- The more tools in our toolbelt, the more likely we will **impact decisions**

# Questions

- Recording will be available
- Slides and Code: <https://rstd.io/beyond>