



Bob's Builders

UCSB Capstone, Winter 2018

What is Procore?

Procore is the most widely used construction management software in the world.



**Project
Management**



**Quality &
Safety**



**Construction
Financials**



**Field
Productivity**

“We build the software that builds the world.” - Tyler Goff

PROCORE®

8TB

Currently stored
user data

420GB

New user data
every month

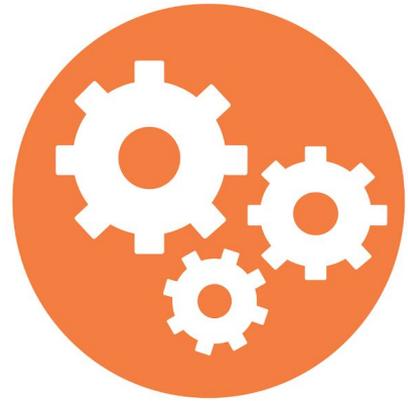
Our Philosophy



Data



Insight

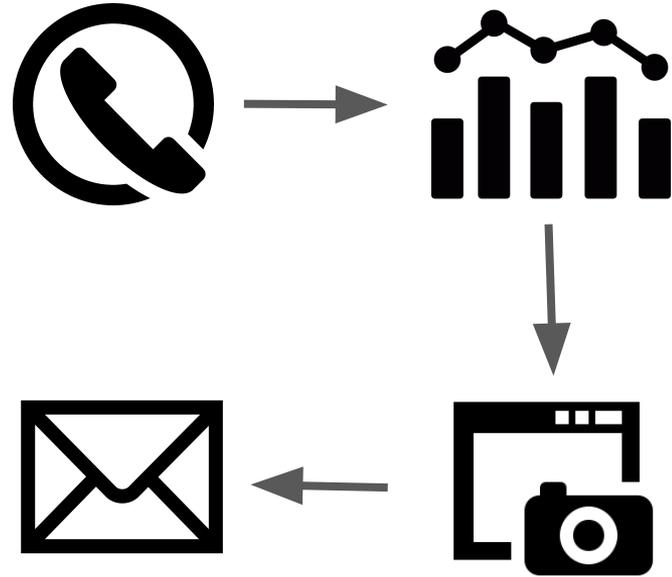


Action

Procore's "Solution"

1. Receive call from client
2. Create charts & graphs
3. Screenshot each chart
4. Email the screenshot back to the client

This is **slow** and **inefficient!**



Our Solution

Put the power
into the hands of
the client!



Demo

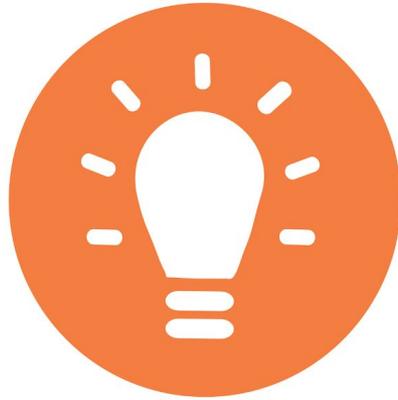
A **simple dashboard** that answers these common questions

- Which construction projects are the most active?
- Which Procore tools are used the most?
- Which platform is most popular?

Our Philosophy



Data



Insight

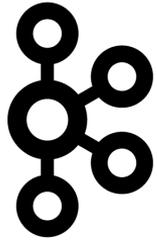


Action



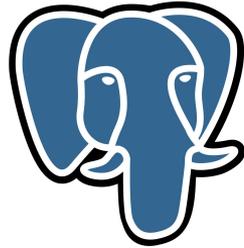
Any questions?

Technology



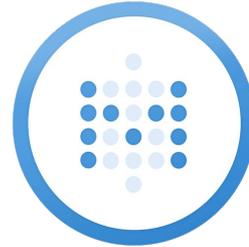
Kafka

Live Data
Streaming
Pipeline



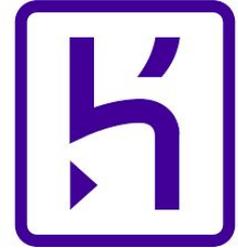
PostgreSQL

Database /
Data Storage



Metabase

Data
Visualization



Heroku

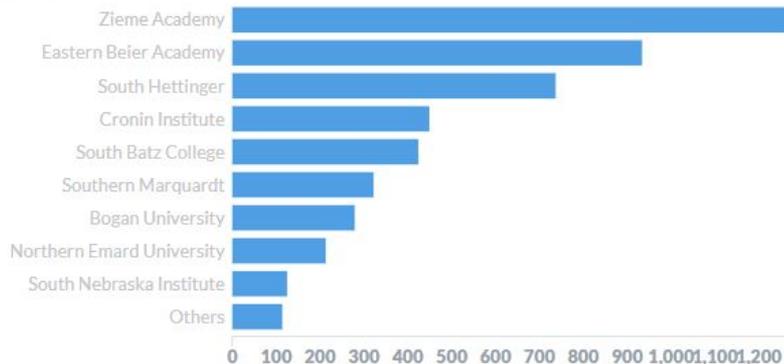
Application
Hosting



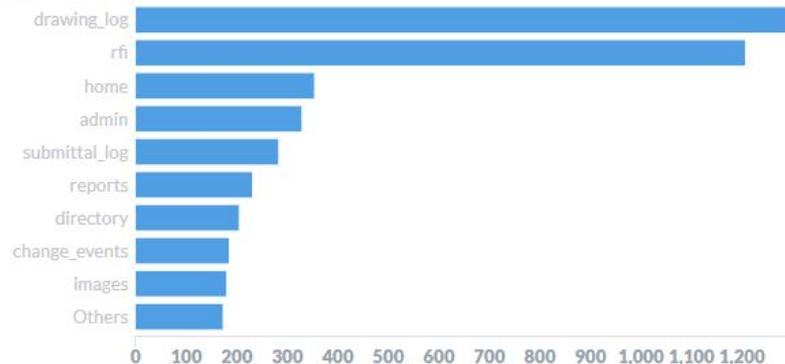
Demo Dashboard



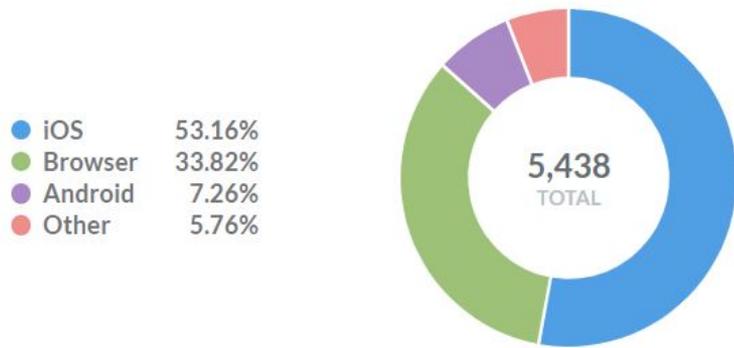
Top 10 Projects



Top 10 Tools



Platform Usage





New question

Use the simple question builder to see trends, lists of things, or to create your own metrics.

```
SELECT * FROM dat_table
WHERE (dat_value = 'morty')
ORDER BY id, DESC
```

Native query

For more complicated questions, you can write your own SQL or native query.



Dashboards

Questions

Pulses

Data Reference

New Question

BB

New question

SAVE



DATA

FILTERED BY

VIEW

GROUPED BY

Events

Add filters to narrow your answer



Raw data

Add a grouping



Get Answer

If you give me some data I can show you something cool. Run a Query!

[How do I use this thing?](#)





Top 10 Employees

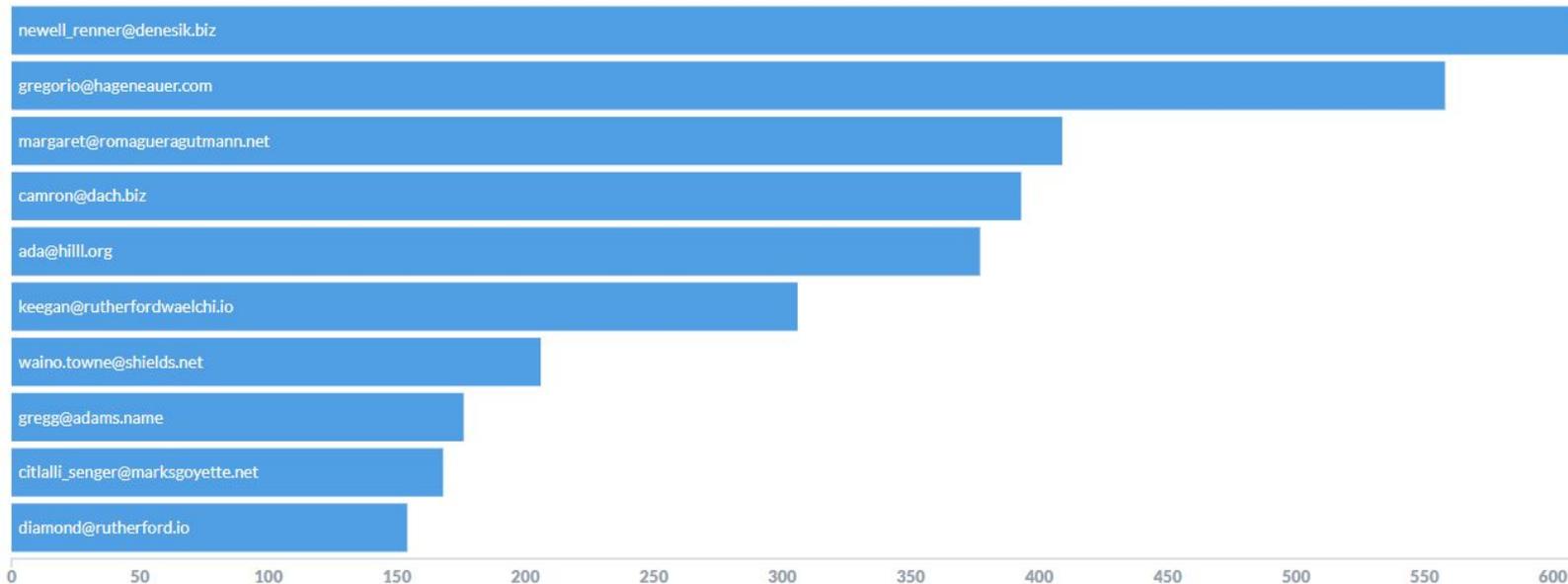


DATA: Events + FILTERED BY: Add filters to narrow your answer + VIEW: Count of rows + GROUPED BY: User Email Address x + ...

VISUALIZATION

Row Chart +

Refresh





New question

SAVE



DATA

FILTERED BY

VIEW

GROUPED BY

Events

Add filters to narrow your answer

Count of rows

User Email Address

VISUALIZATION

Row Chart

Refresh

Save question



NAME

Top 10 Employees

DESCRIPTION

It's optional but oh, so helpful

Cancel

Save

newell_renner@denesik.biz

gregorio@hageneauer.com

margaret@romagueragutmann.net

camron@dach.biz

ada@hill.org

keegan@rutherfordwaelchi.io

waino.towne@shields.net

gregg@adams.name

citlalli_senger@marksgoyette.net

diamond@rutherford.io

0 50 100 150 200 250 300 350 400 450 500 550 600



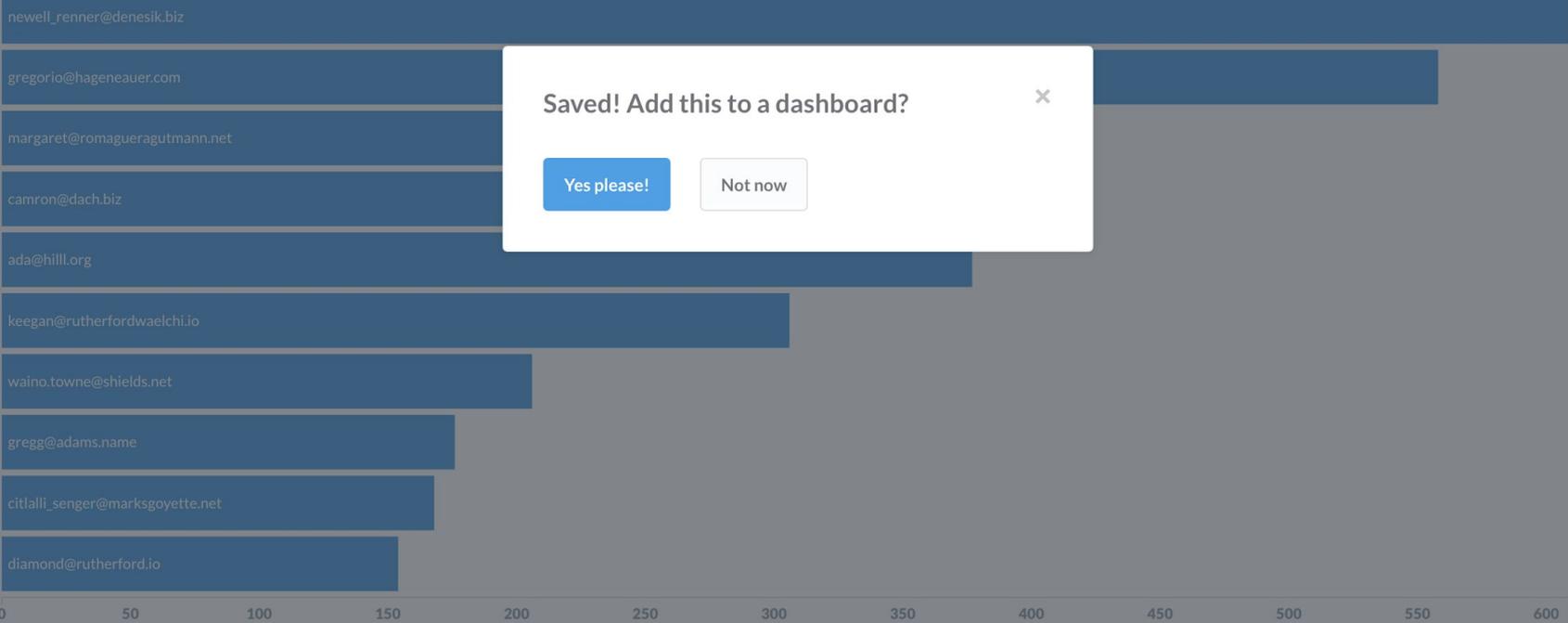
Top 10 Employees



DATA: Events ▾ FILTERED BY: Add filters to narrow your answer + VIEW: Count of rows + GROUPED BY: User Email Address x +

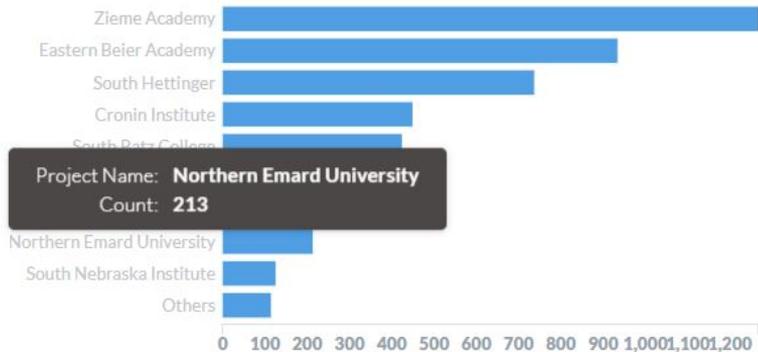
VISUALIZATION: Row Chart ▾ ⚙

Refresh

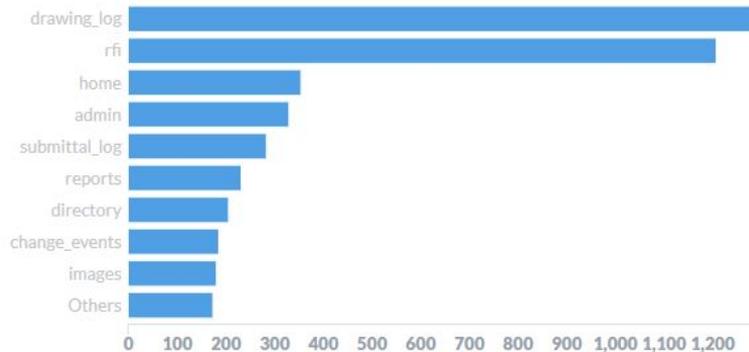


Saved! Add this to a dashboard? ✕

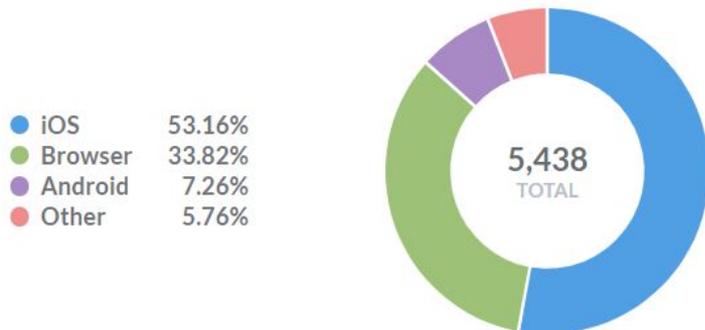
Top 10 Projects



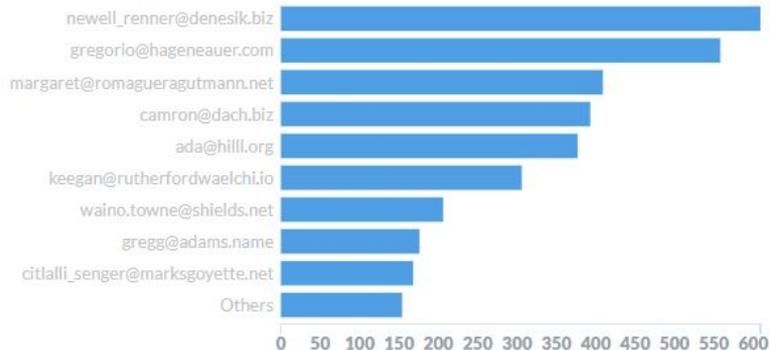
Top 10 Tools



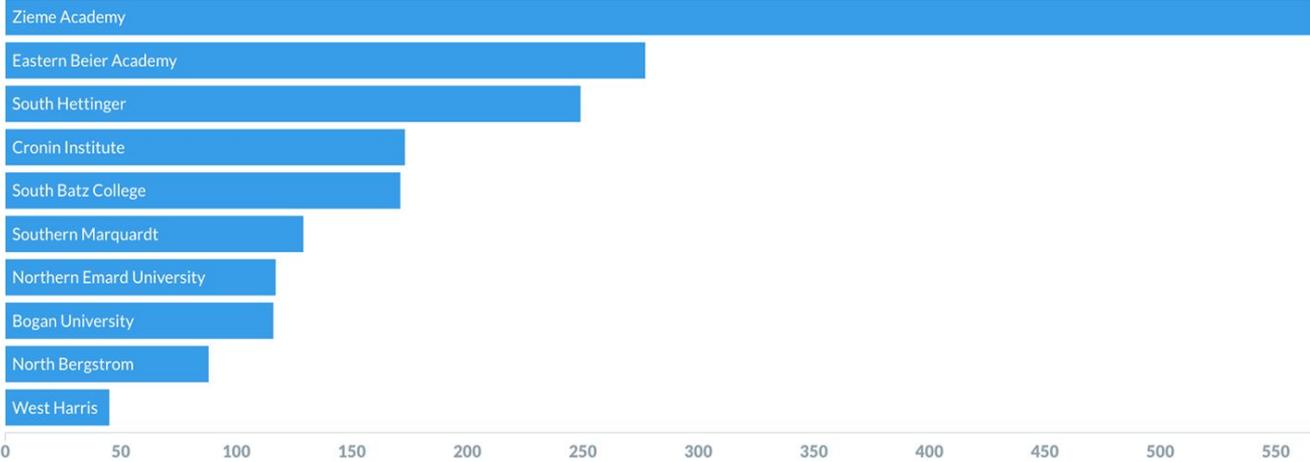
Platform Usage



Top 10 Employees



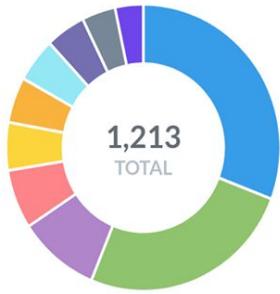
Top 10 Projects Using Procore 📄



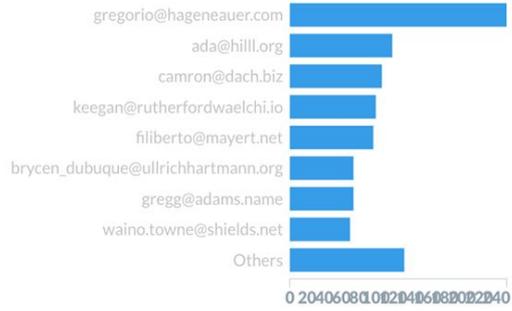
19
Number of Active Projects

Top Mobile Tools

- drawing_log 31.41%
- rfi 25.80%
- admin 9.56%
- directory 6.60%
- observations 5.28%
- specification_ 5.03%
- images 4.86%
- checklists 4.53%
- submittal_log 3.79%
- punch_list 3.13%



Top Mobile Users



Mobile vs. Web

