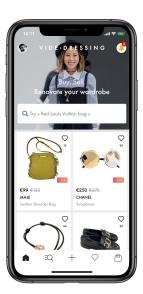
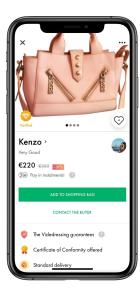
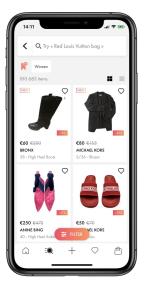
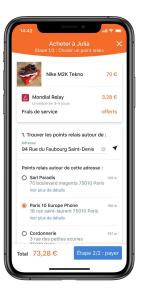


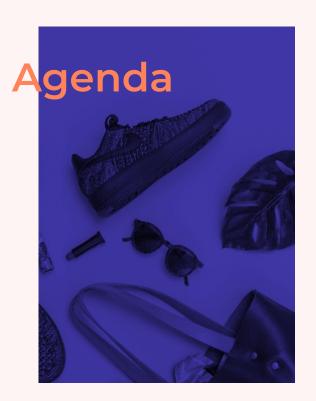
Pierre Abi-aad iOS developer - Videdressing & leboncoin











00. Quick reminder

01. Learn to know your users

02. Learn to avoid poor/deficient AB

testing

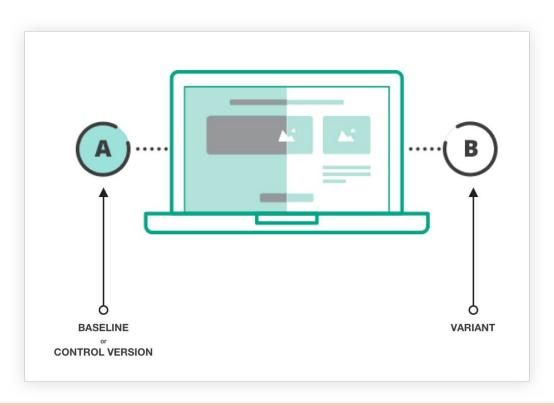
03. The old good painful way

04. Firebase to the rescue!

05. Wait! You can do more

Quick reminder

A/B Test?



Learn to know your users

Qualitative approach

- Bootstrapping a product / feature
- Fast feedback
- Avoid obvious wrong patterns

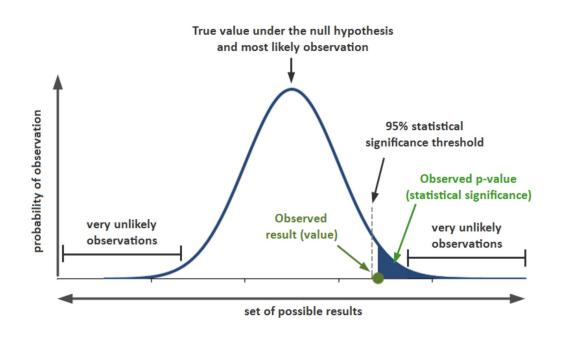


Quantitative approach A/B testing

- Fine tuning
- Target lots of users
- Slow feedback



Statistical significance



Learn to avoid poor/deficient AB testing

Common mistakes

- Avoid parallelism
- Avoid too much variant
- Avoid "wow" effect (activation event)



Define your KPIs

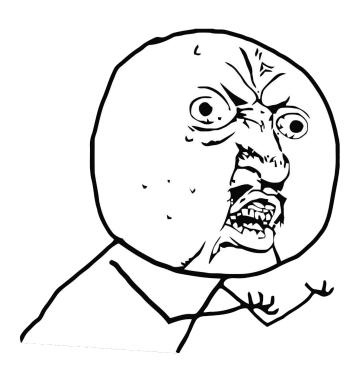
- Avoid funnel last step
- Think about your workflow



The old good painful way

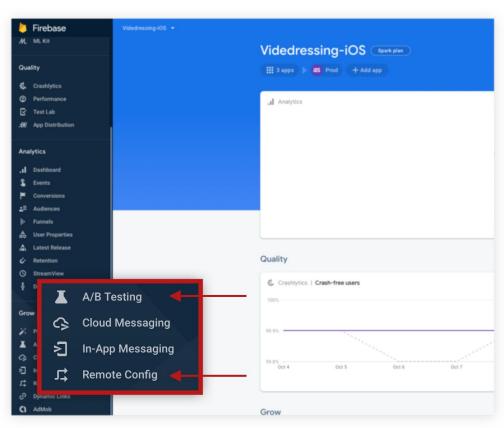
Google ... Analytics

- Custom dimensions
- Hard coded values + modulo %
- Fetch periods manually
- Run abtestguide.com/calc



Firebase to the rescue!

Lots of tools!

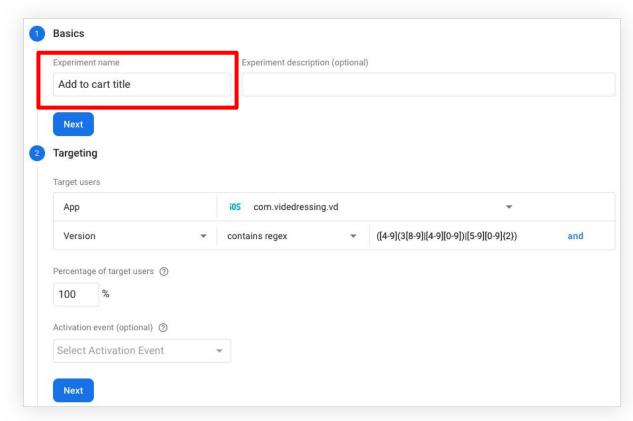


Everything starts with a remote conf...

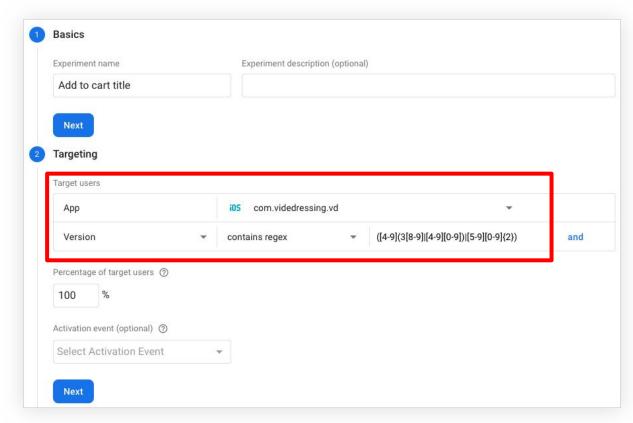
- Variables
- Accept different formats
- Accept conditions

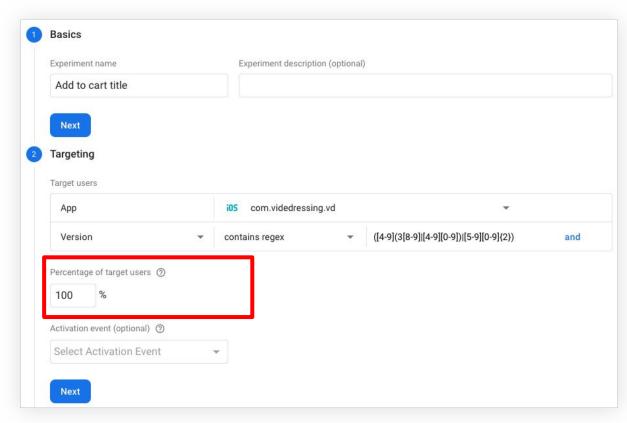
...linked to events

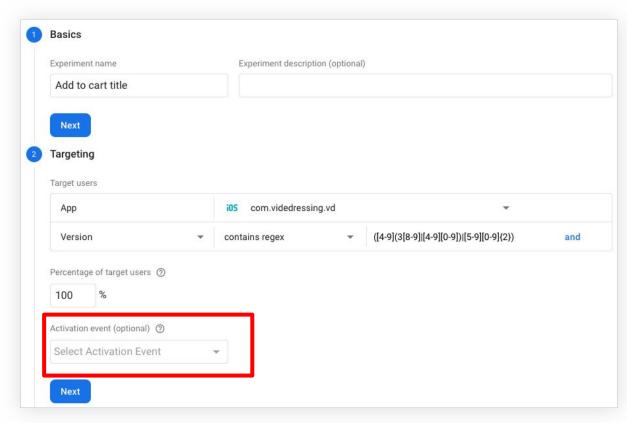
```
1 func setupView() {
     let addToCartTitle = self.getFirebaseAddToCartTitle()
     self.ctaButton.setTitle(addToCartTitle, for: .normal)
6 func didAddToCart() {
     self.sendFirebaseEvent("did_add_to_cart")
```

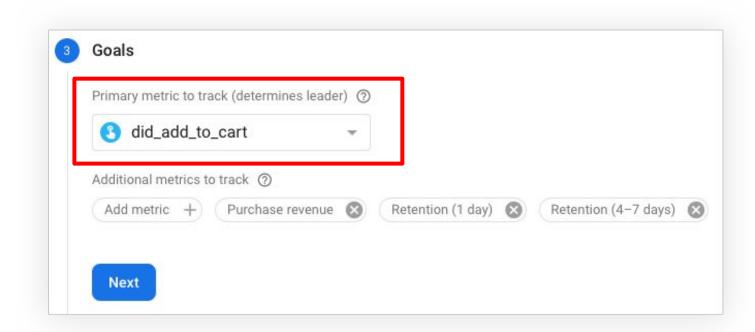


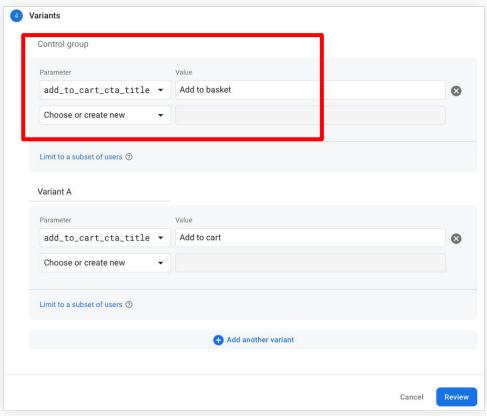
 C

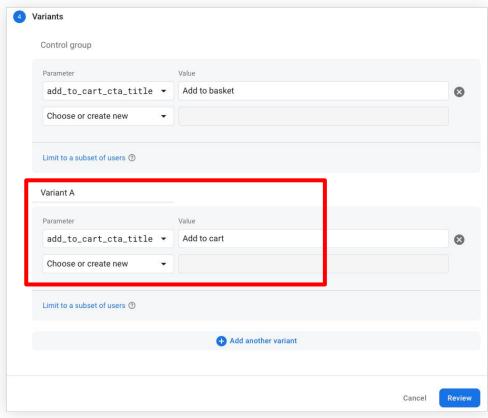


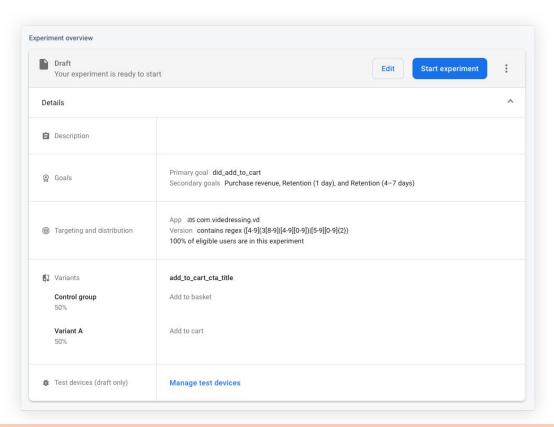




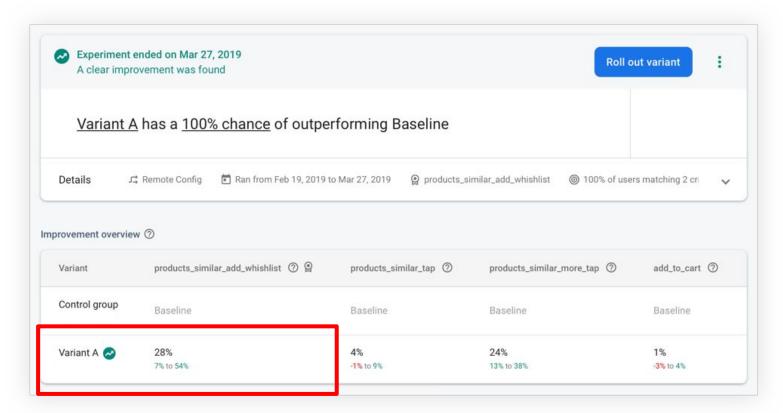


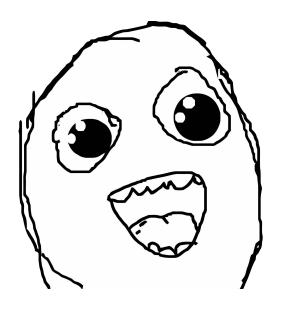






Read your results

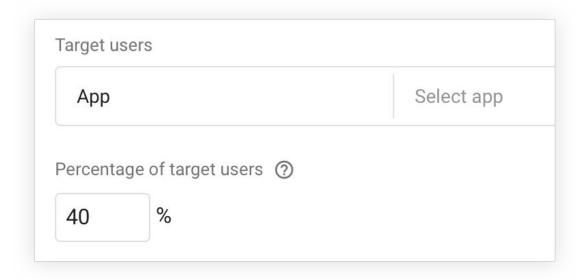




Wait!
You can do more

Progressive features

• Increase your granularity





Monitor tech changes

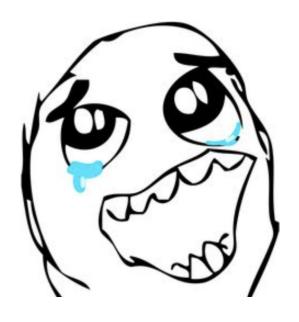
- Crash free user
- Whatever you defined

```
1 func setImageFromURL(_ url: URL, toImageView imageView:
    UIImageView) {
2     if self.isFirebaseLegacyImageEnable() {
3         imageView.sd_setImage(with: url)
4     } else {
5         imageView.kf.setImage(with: url)
6     }
7 }
```



Variant	Crash- free ② ②	Retention (4-7 ②		Daily user _ ⑦	Retention (2
	free ② 🖫 users	(4-7 ⑦ days)	application_did_receive_memory_warning	engagement	(1 day)
Control group					
	Baseline	Baseline	Baseline	Baseline	Baseline
Variant A	0%	1%	-2%	0%	1%
	0% to 0%	0% to 2%	-3% to -2%	0% to 0%	1% to 1%

Variant	Crash- free ⑦ ② users	Retention (4-7 ⑦ days)	application_did_receive_memory_warning ⑦	Daily user engagement	Retention (1 day)
Control group	Baseline	Baseline	Baseline	Baseline	Baseline
Variant A	0%	1%	-2%	0%	1%



THANK YOU

Q&A Contact @abiaad