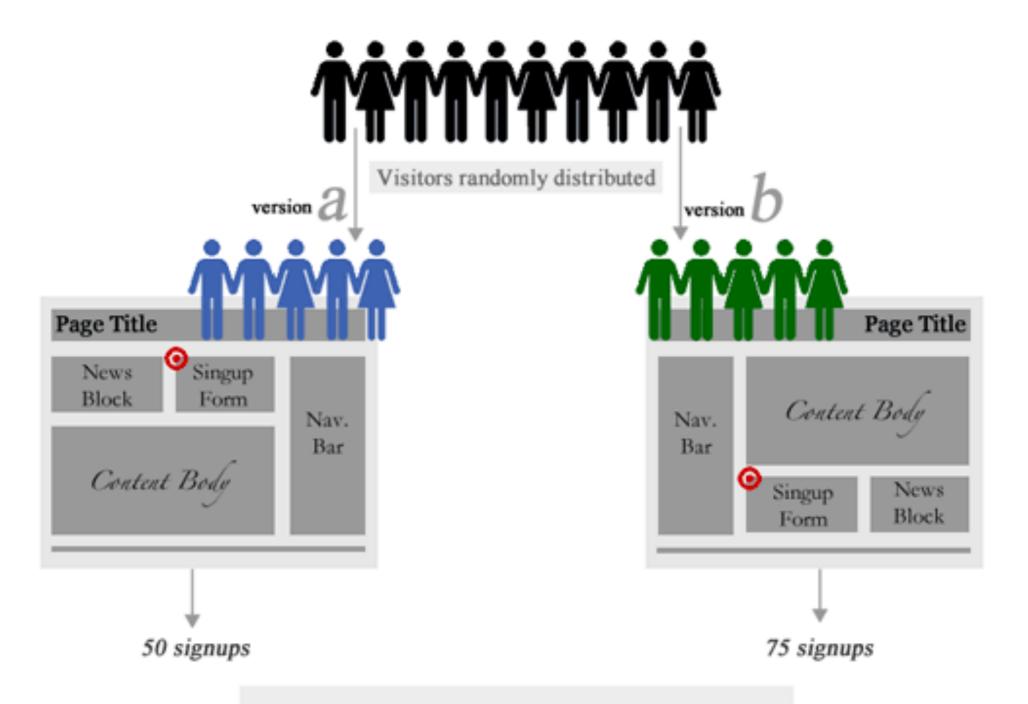
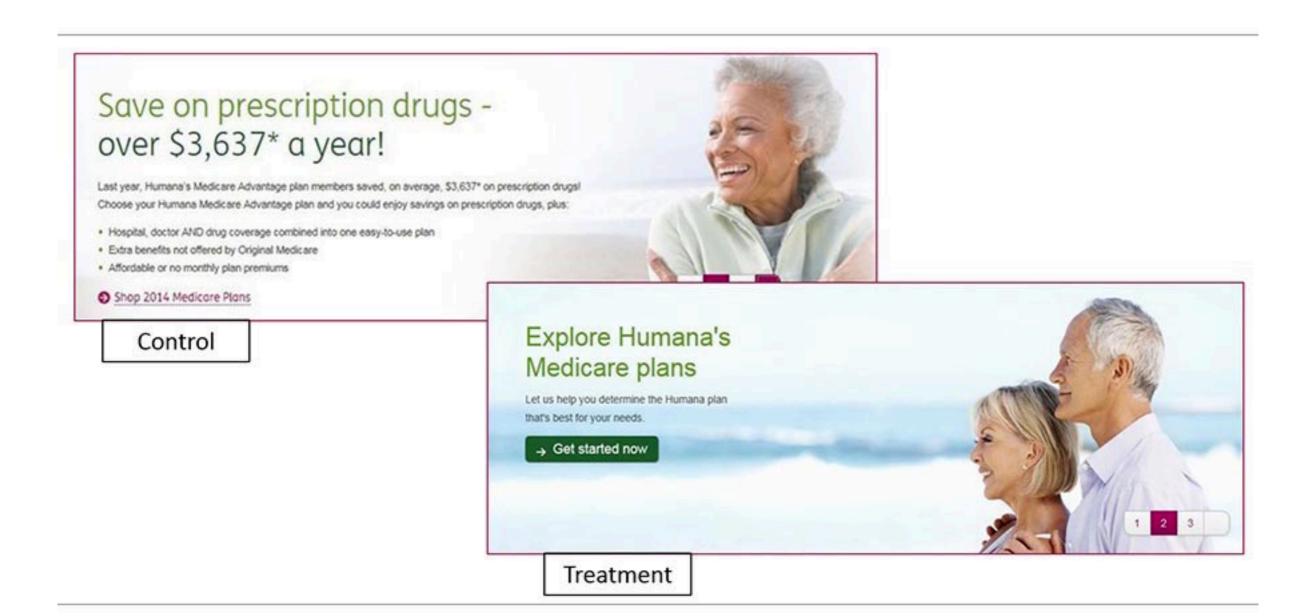
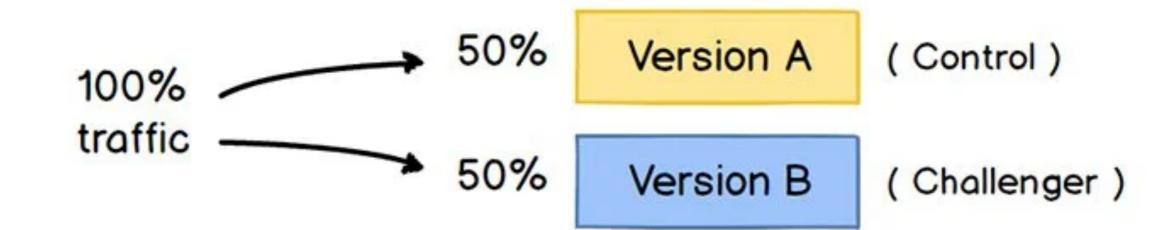
AB Testing

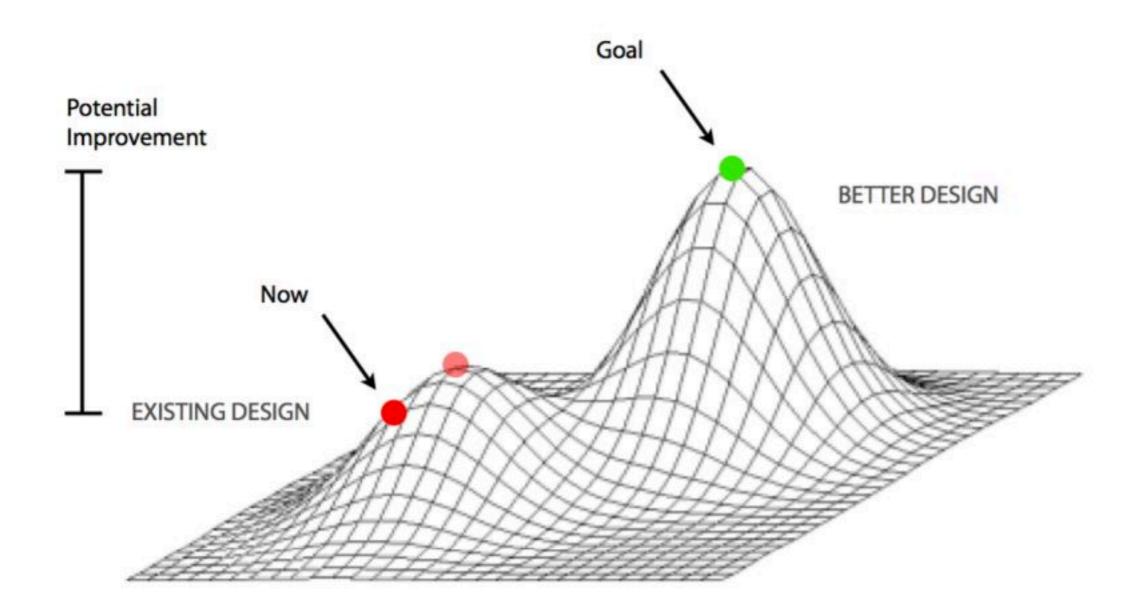


Version B is better than version A



A/B Testing





A/B testing cannot make a good design choice on its own

With A/B testing, we may find ourselves chasing "local maxima"



Human Photos Double Conversion Rates



The words "It's free" increased the clicks on this sign-up button by 28%



34% simply by changing the color of the sign-up button from green to red!





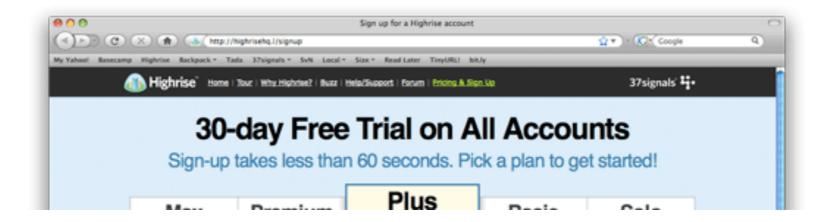


ComScore.69%

Discovery A/B tested the components of their video player to engage with their TV show 'super fan.' The result? A 6% increase in video engagement.

ComScore A/B tested logos and testimonials to increase social proof on a product landing page and increased leads generated by 69%.

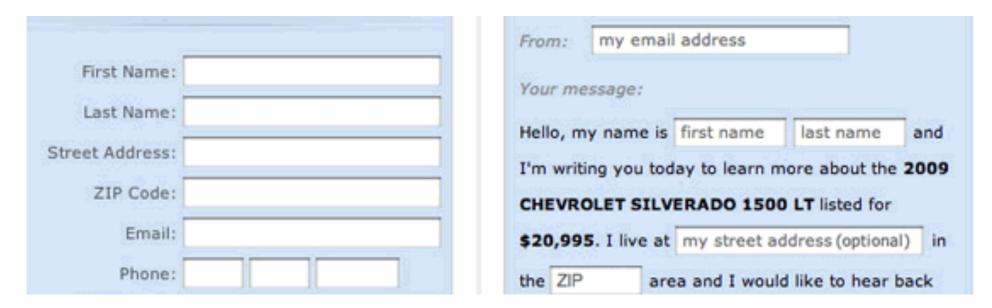
Secret Escapes tested variations of their mobile signup pages, doubling conversion rates and increasing lifetime value.



Writing Decisions: Headline Tests on the Highrise Sign-Up Page 37signals tested the headline on its pricing page. It found that "30-Day Free Trial on All Accounts" generated 30% more sign-ups than the original "Start a Highrise Account."



Dustin found that "You should follow me on Twitter here" worked 173% better than his control text, "I'm on Twitter."

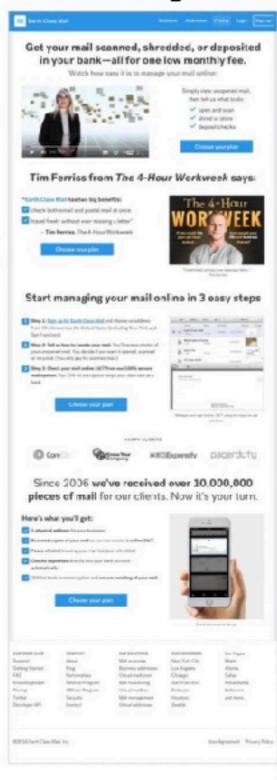


"Mad Libs" style form increases conversion 25-40%

Original

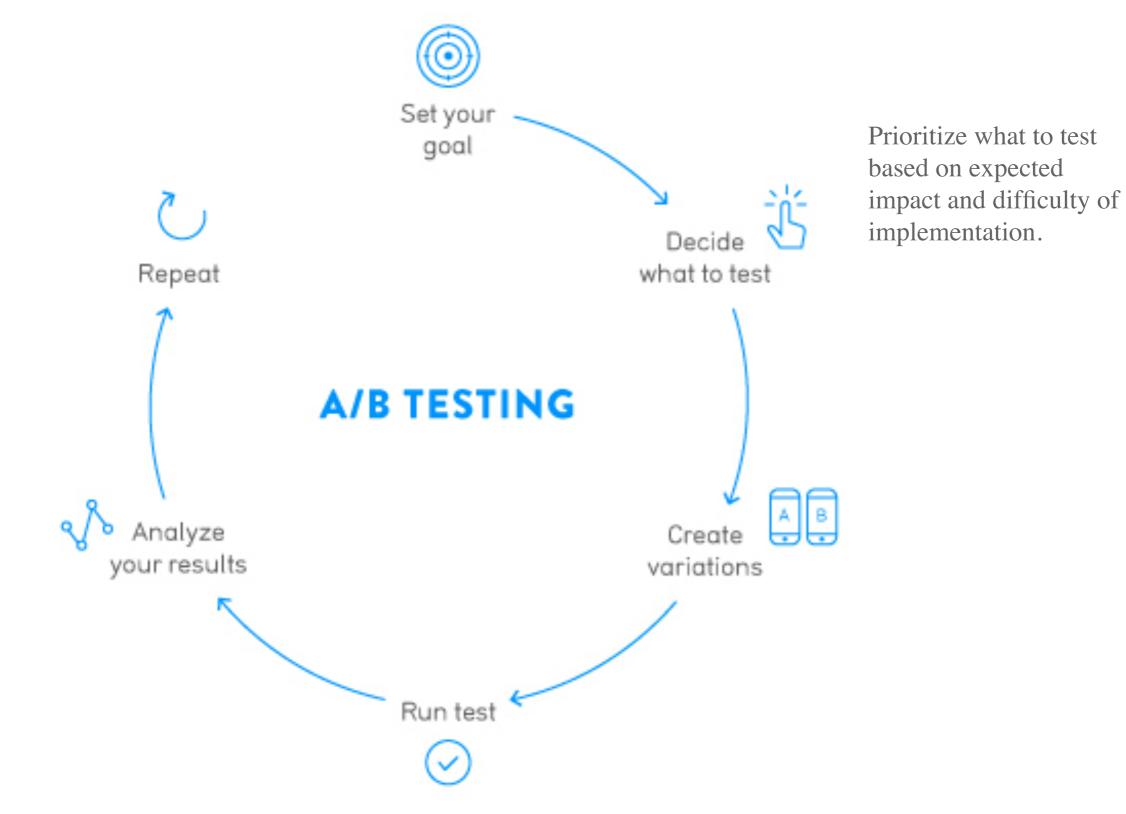


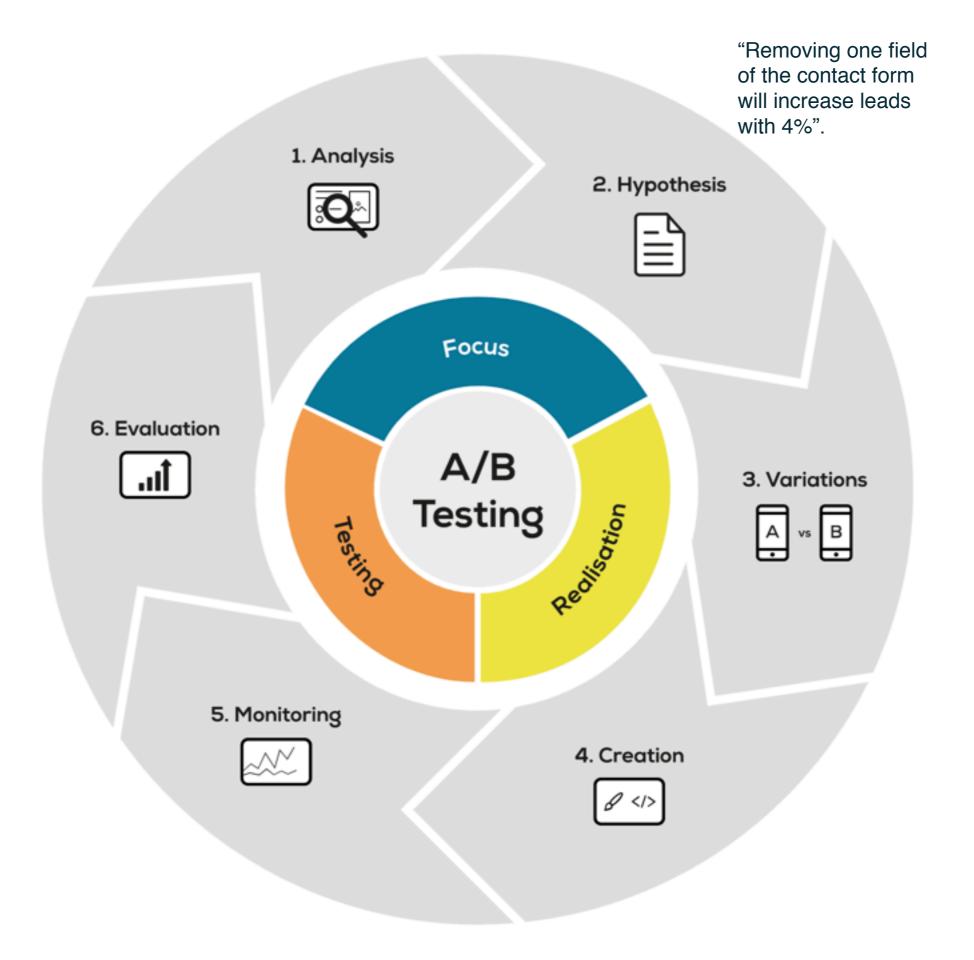
Challenger



a SaaS company used Convert Experiences as their client-side A/B testing tool to increase growth in leads by 61% on their homepage:

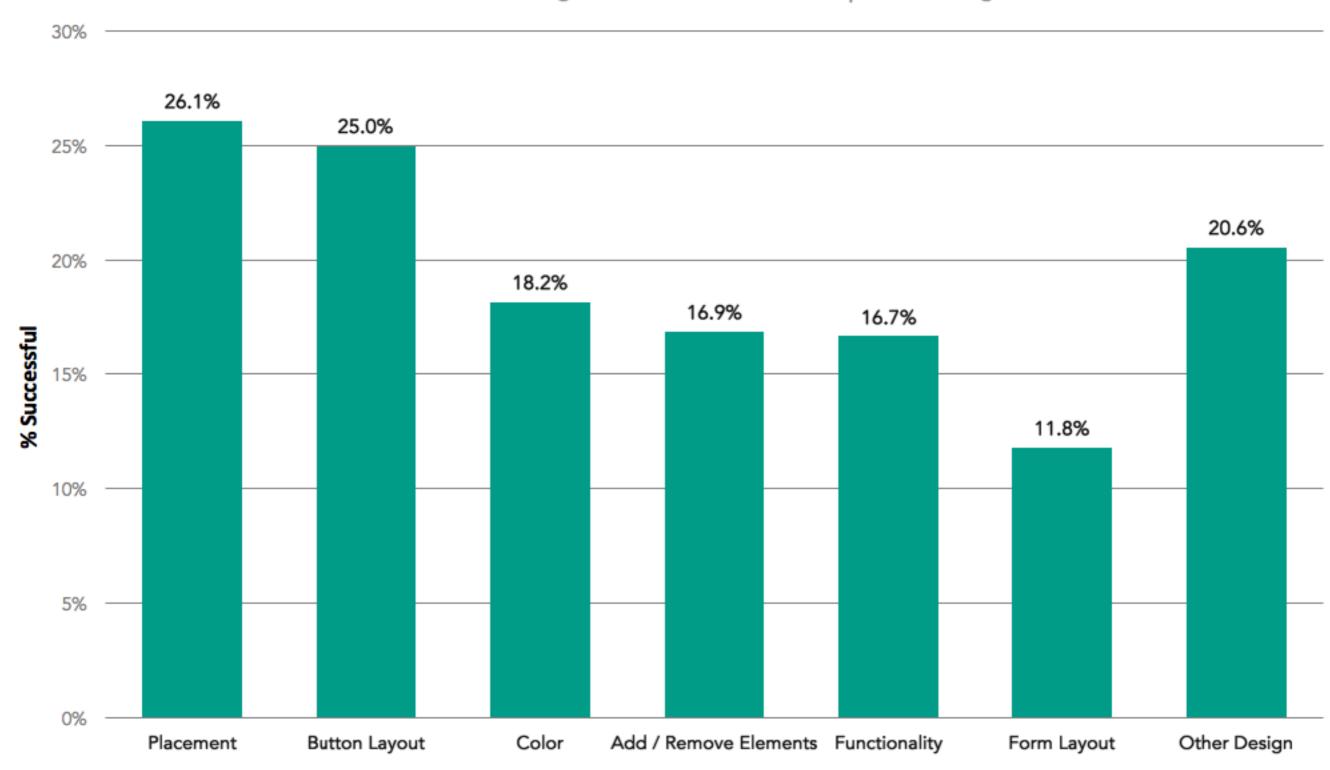
Example: Number of visitors who sign up for free trial.

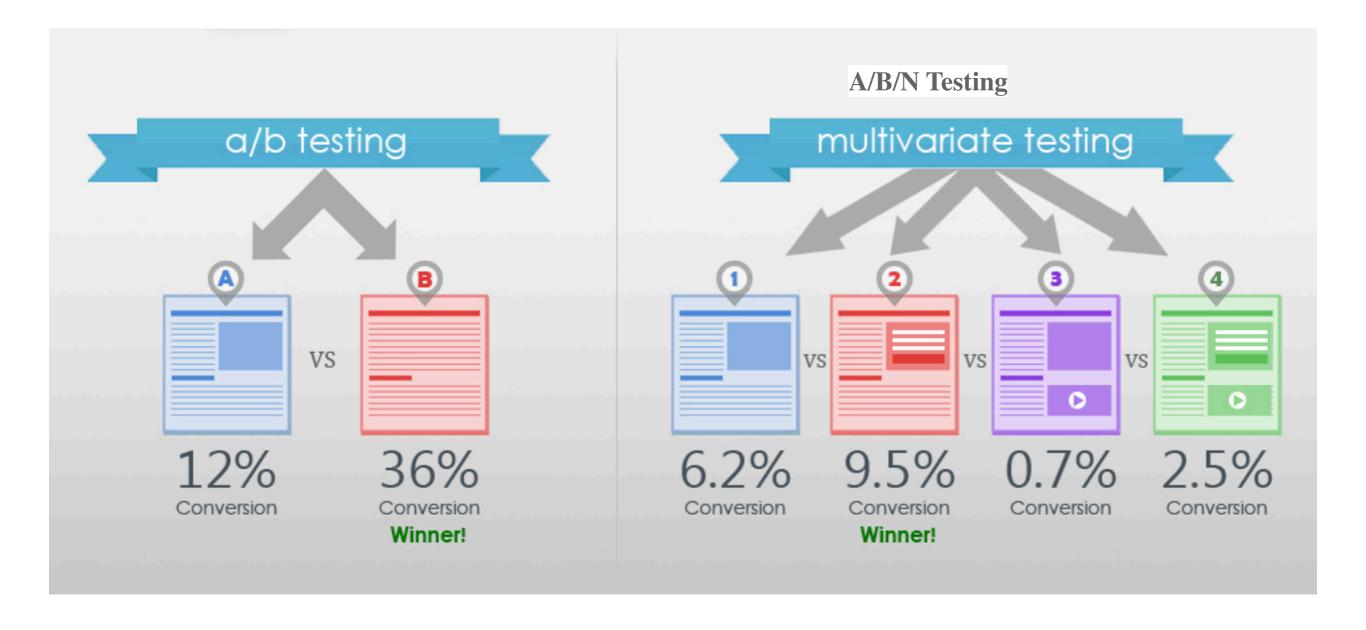




What Types of Design Change A/B Tests Are Most Successful?

Based on Design A/B Tests Done With Experiment Engine





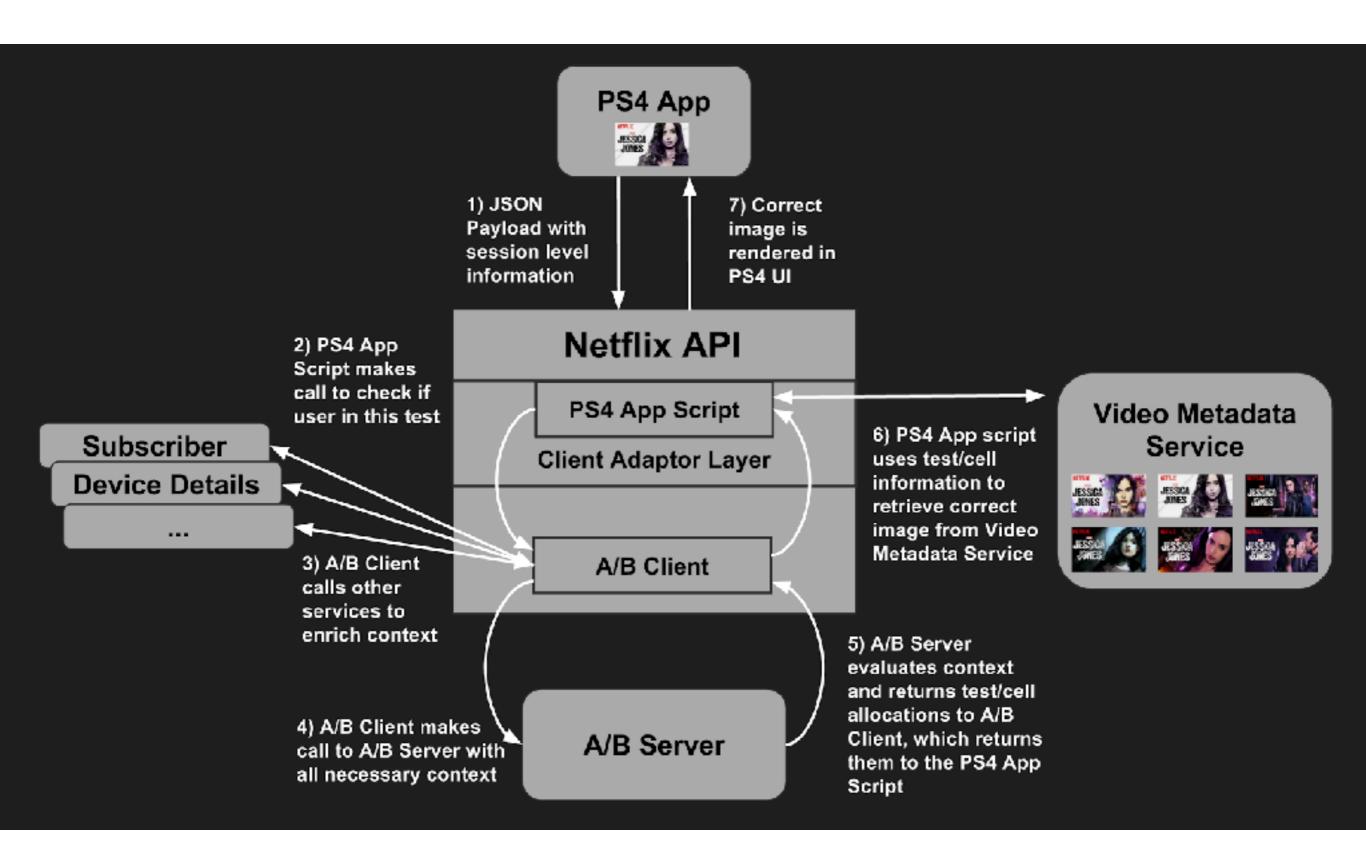
A/B Testing Feature Comparison Chart [1/2]

trustradius

	 Ø TASTY	Adobe	Google Analytics	maxymiser*	monetate 🏥	Optimizely	Qubit.	SITESPECT	Viced Wells to Optimizer
WYSIWYG editor	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Multivariate testing	Full	Full & Partial	No	Full & Partial	Full	Full	Partial	Yes	Full
Split url testing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-page Testing	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Cross-domain testing	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Mobile app testing	In development	iOS, Android	iOS, Android	iOS, Android	No	iOS	No	iOS	iOS
Visitor segmentation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Visitor targeting	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Personalization	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Ad-hoc / post- test visitor segmentation	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Adaptive algorithms	In development	Yes	Yes	Yes	No	No	No	Yes	No
Machine- learning or predictive capabilities	No	Yes	No	Yes	Yes	No	Yes	Yes	No
Server- or client- side	Client	Server	Both	Both	Client	Client	Both	Both	Client

Both page versions must be displayed to the website's visitors at the same time, for the same period of time. Otherwise, results could be influenced by seasonality, trends and other external events.

Canary releases	Route a subset of your users (with sticky sessions) to that new deployment.
Split URLs	/amazing-feature/test-123/b Historically recommended by Google to prevent SEO issues
Server-side	Users are bucketed on the server when a page is requested. A cookie is then set to ensure the user is "stuck" in this bucket, and it's used to render an interface with whatever experiments the user is in. * because you use cookies, the benefits of a CDN are limited.
Client-side	Client-side testing means the optimization takes place at a browser level. Based on the targeting rules you set up, the visitor's browser will modify the content to deliver the intended version. (Both exist on the page in the HTML DOM at the same time, but are hidden by default on page load.) Majority is done client-side via Javascript using a testing tool like <u>VWO</u> , <u>Optimizely</u> ,
On the edge	server renders all variations of your interface, your CDN caches this response, use Cloudflare's Service Worker support to move costly clientside A/B tests out of the browser to a middle layer where they can happen before the page is delivered.
	CDN-provider Cloudflare introduced support on their middleware CDN servers using JavaScript Service Workers to handle the logic, which is a new idea indeed.



Reference

 https://towardsdatascience.com/simple-and-completguide-to-a-b-testing-c34154d0ce5a