Performance Monitoring

Quoi et comment mesurer ?

we speed

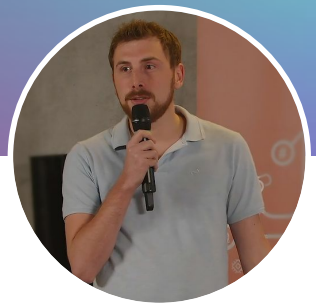
leboncoin tech

Qui sommes-nous ?

Jeremie Pereira

Frontend Architect

@jeremieP
jeremiep.dev



Thibaut Sabot

Lead Frontend developer

@thibautsabot
thibautsabot.com

Sommaire

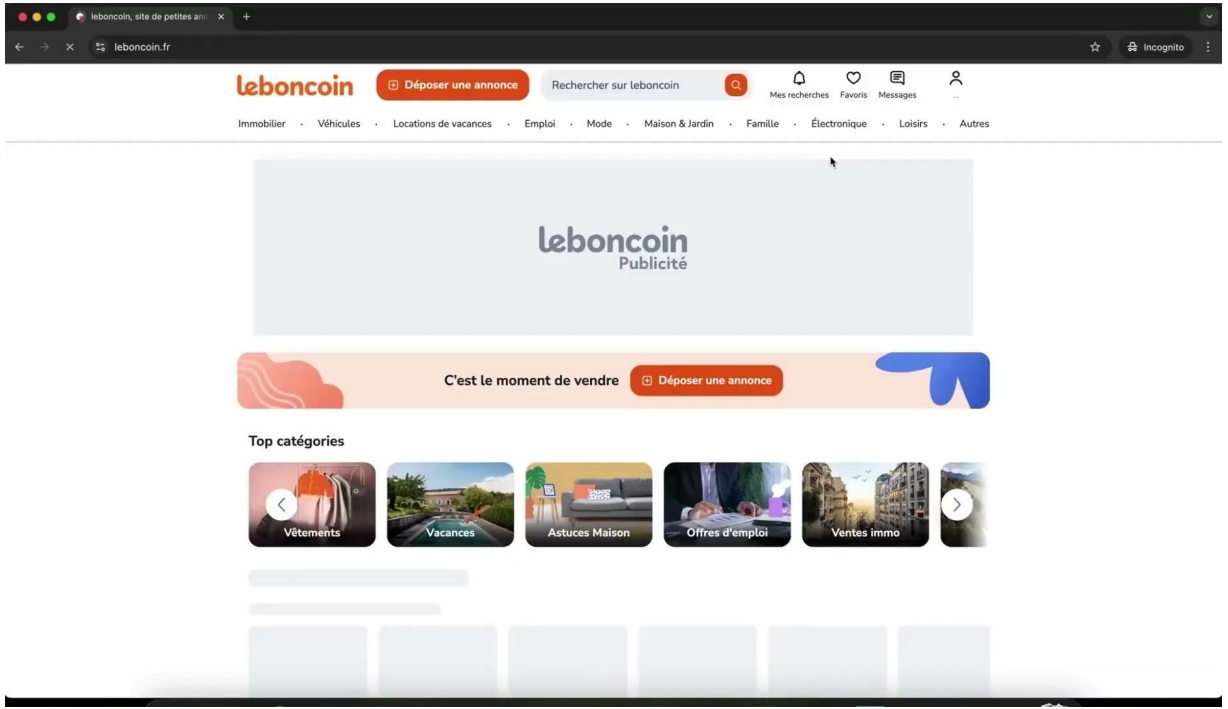
1 - Comprendre
2 - Récupérer et visualiser
3 - Analyser et agir
4 - Alerter et prévenir

01
Comprendre

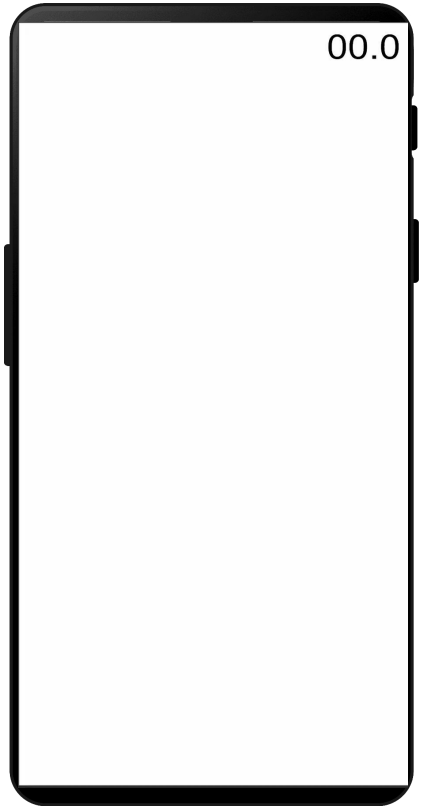
Cumulative Layout Shift (CLS)

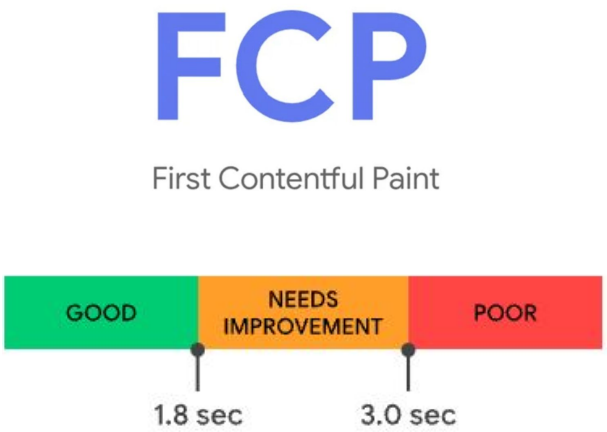
CLS

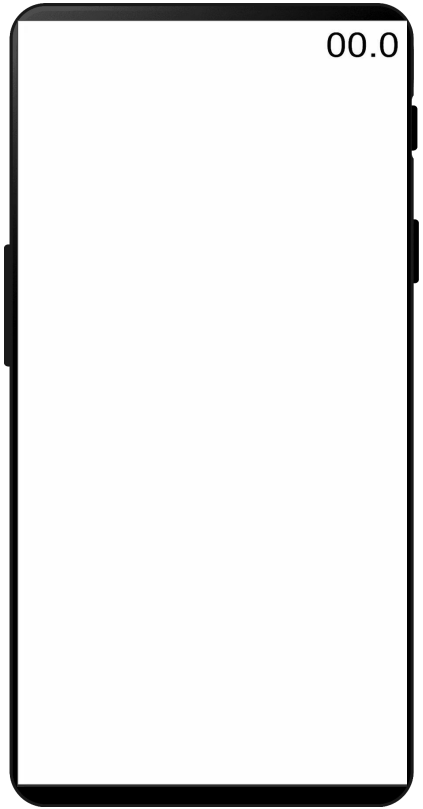
Cumulative Layout Shift



First Contentful Paint (FCP)



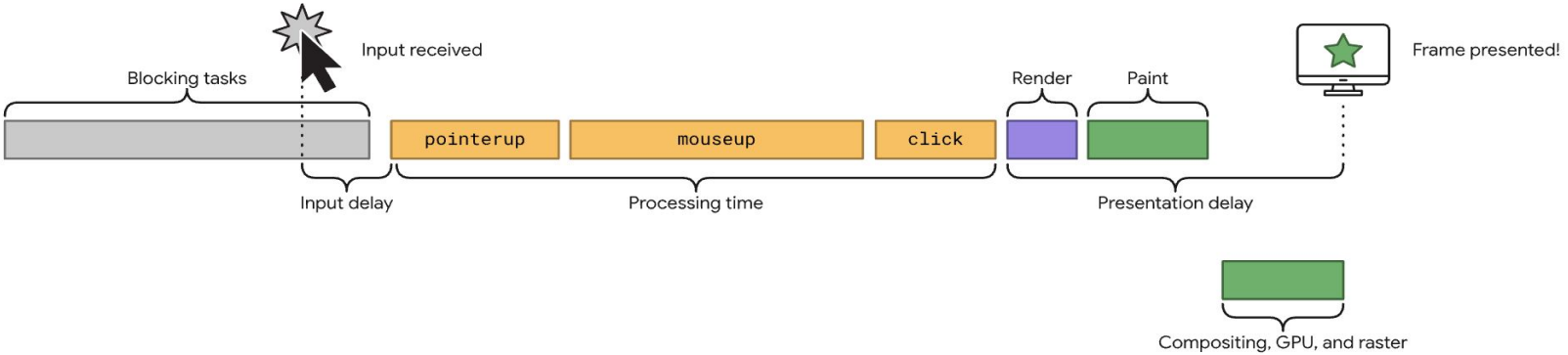




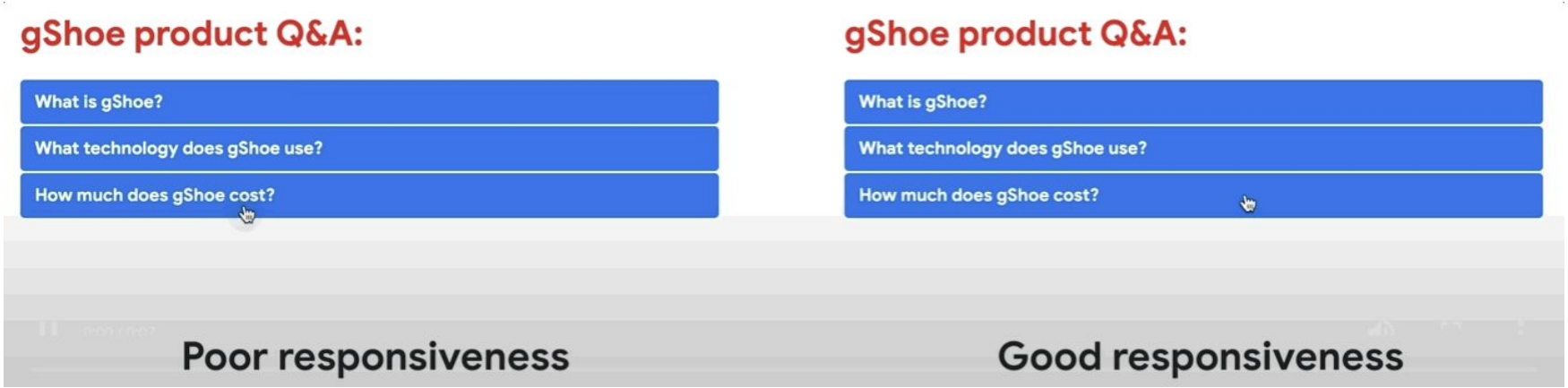
Interaction to Next Paint (INP)

INP

Interaction to Next Paint

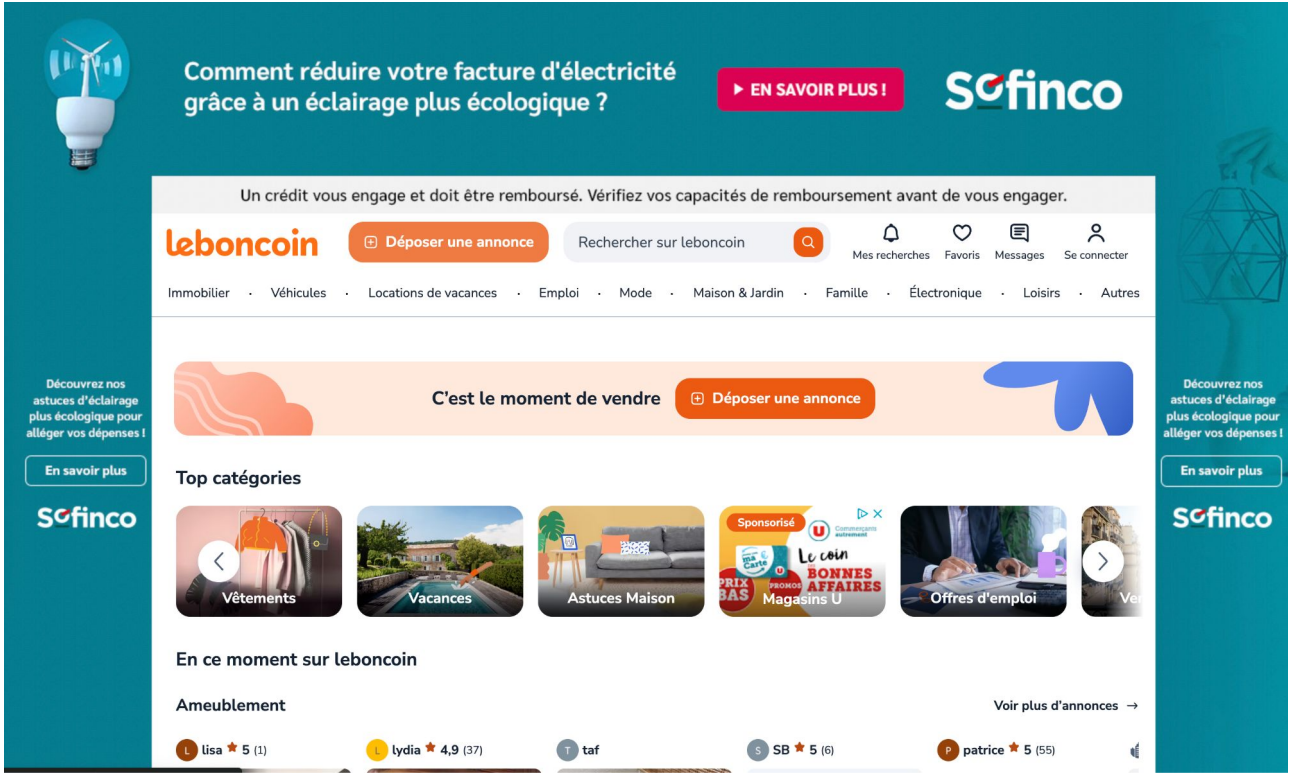


Interaction to Next Paint (INP)



Anecdote : un dilemme business

Notre habillage publicitaire



Au delà des Web Vitals

Quelques métriques intéressantes

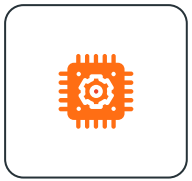
Time To First Byte (TTFB)

Temps de réponse serveur
Server SLA
Load balancer status

Statuts HTTP

4xx
5xx

Status OK (2xx)
Redirections (3xx)



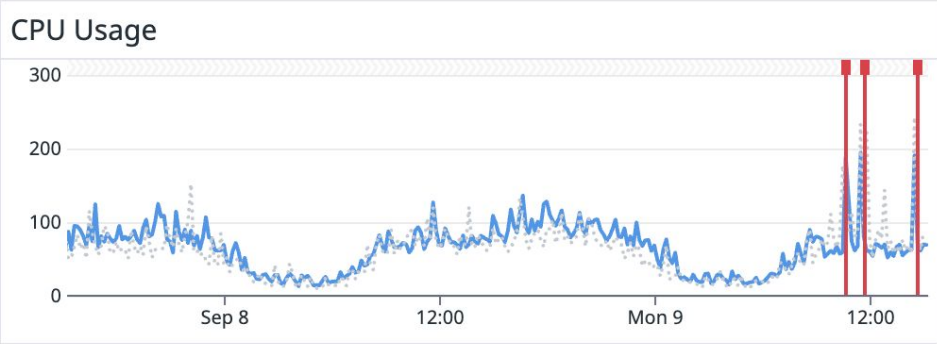
CPU / RAM

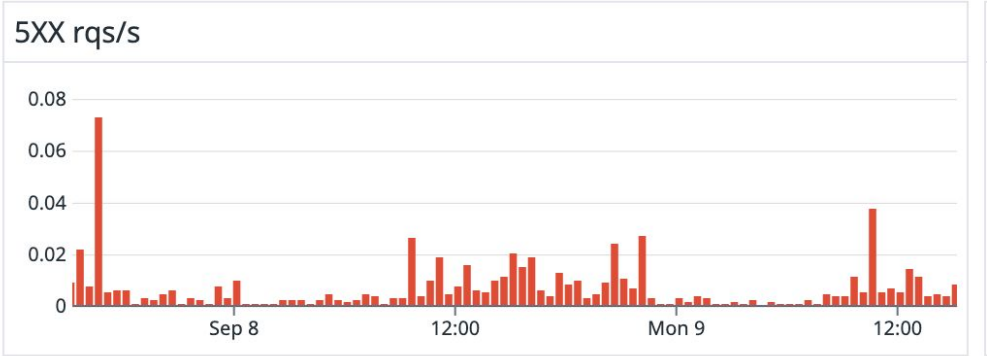
Charge des serveurs
Reboot de Pods
Requêtes / sec

02

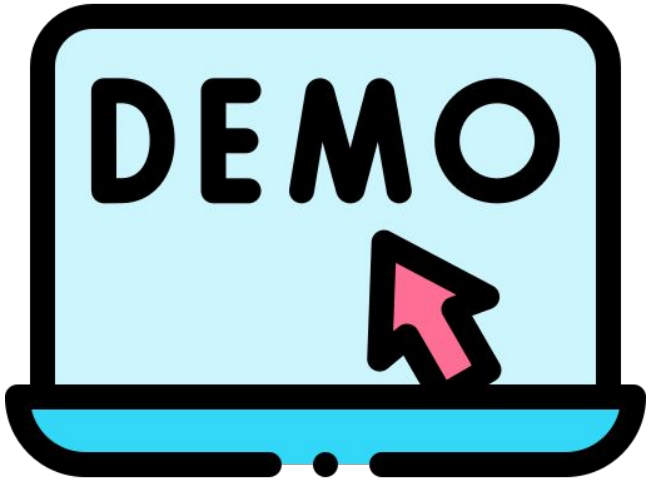
Récupérer
Visualiser

Lisibilité des graphs



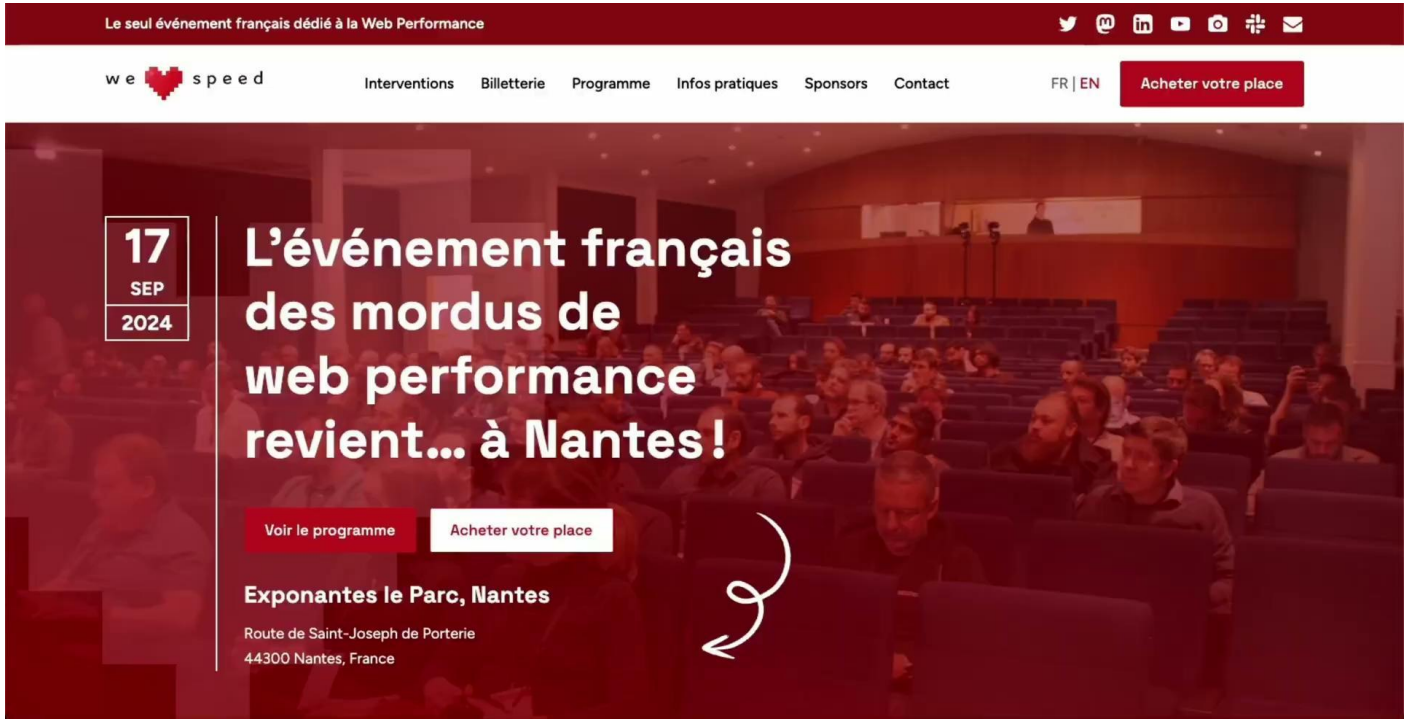


Demo time !



https://webperf-snippets.nucliweb.net/

Demo time !

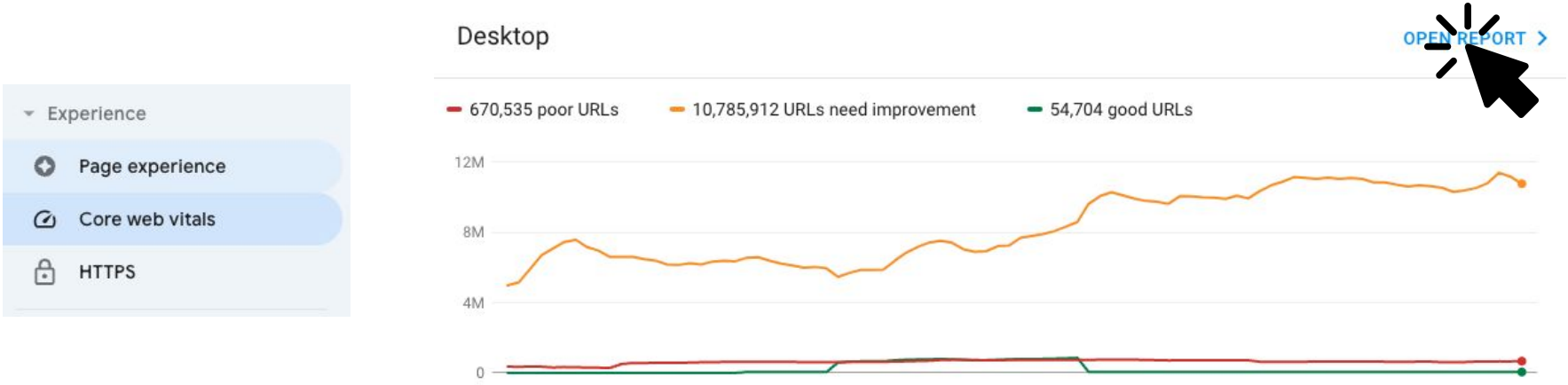

Le seul événement français dédié à la Web Performance
we speed
Interventions
Billetterie
Programme
Infos pratiques
Sponsors
Contact
FR | EN
Acheter votre place
17
SEP
2024
L'événement français des mordus de web performance revient... à Nantes !
Voir le programme
Acheter votre place
Exponantes le Parc, Nantes
Route de Saint-Joseph de Porterie
44300 Nantes, France

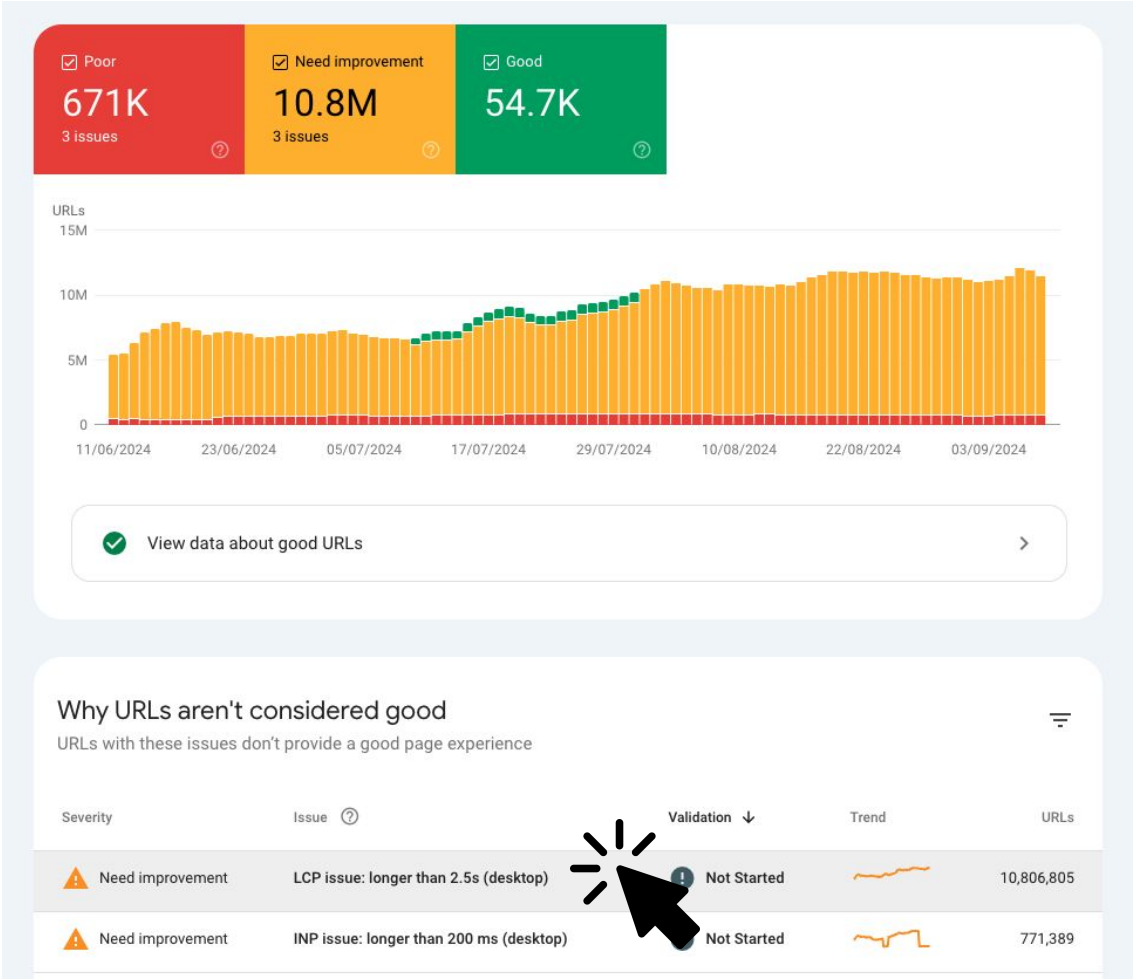
Les solutions

GoogleChrome / **web-vitals** Public

Google Search Console

Un allié très intéressant !




Poor
671K
3 issues
Need improvement
10.8M
3 issues
Good
54.7K
URLs
15M
10M
5M
0
11/06/2024
23/06/2024
05/07/2024
17/07/2024
29/07/2024
10/08/2024
22/08/2024
03/09/2024
View data about good URLs
Why URLs aren't considered good
URLs with these issues don't provide a good page experience
Severity
Issue
Validation
Trend
URLs
Need improvement
LCP issue: longer than 2.5s (desktop)
Not Started
10,806,805
Need improvement
INP issue: longer than 200 ms (desktop)
Not Started
771,389

Affected URLs

10.2M

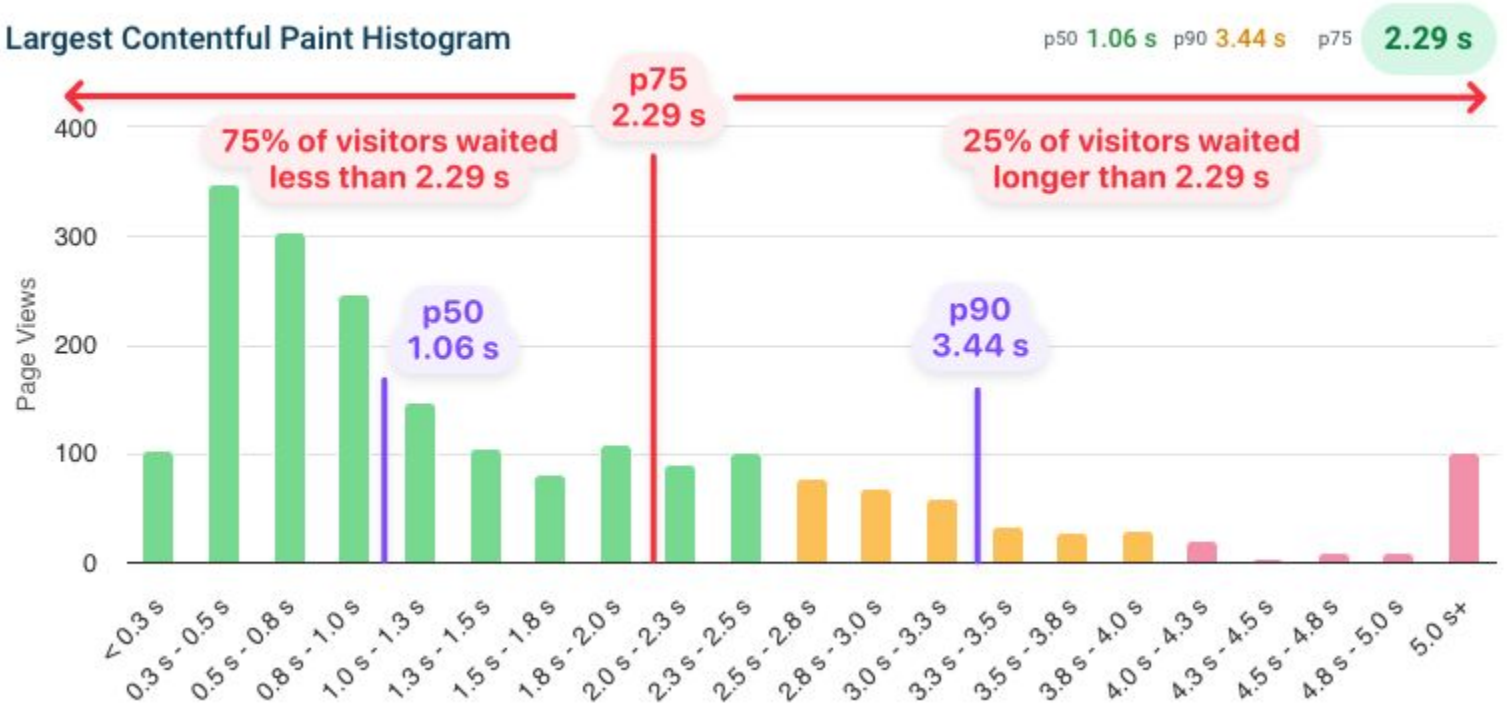
URL groups

Example URL	Group population	Group LCP
https://www.leboncoin.fr/ad/accessoires_bagagerie/2482797578	8,570,785	2.9 s
https://www.leboncoin.fr/ad/equipement_auto/2311649621	707,776	3.2 s

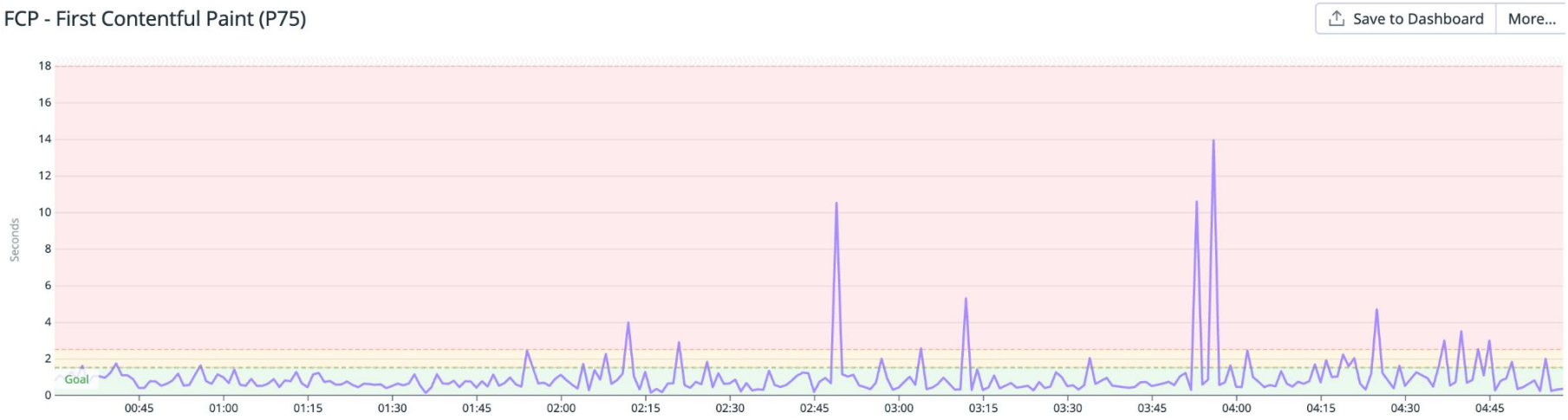
03
Analyser Agir

Les percentiles

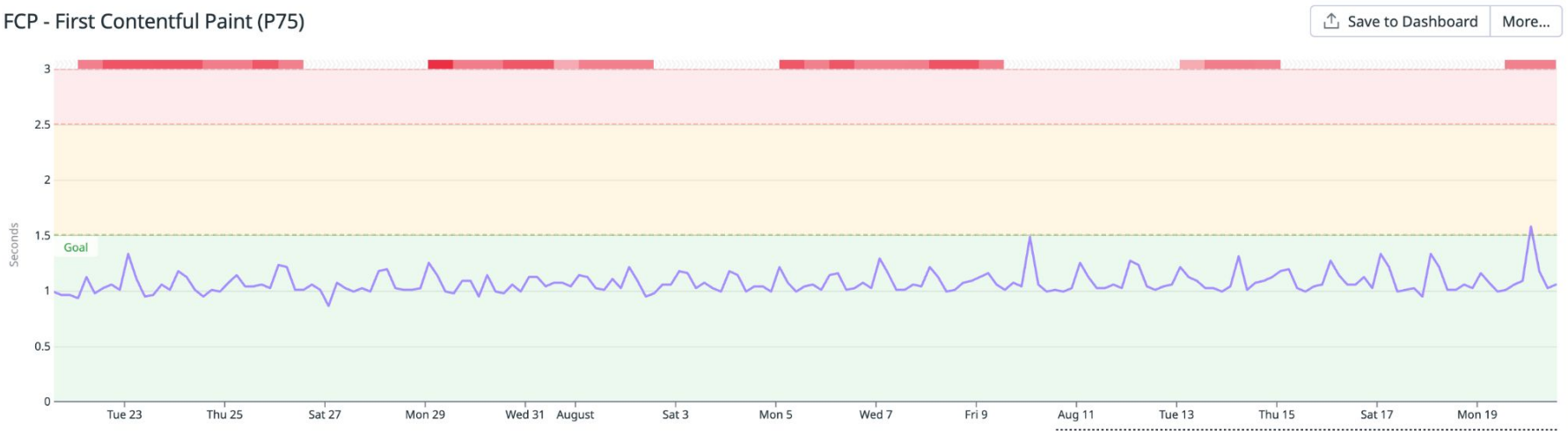
Pourcentage ? non percentiles !



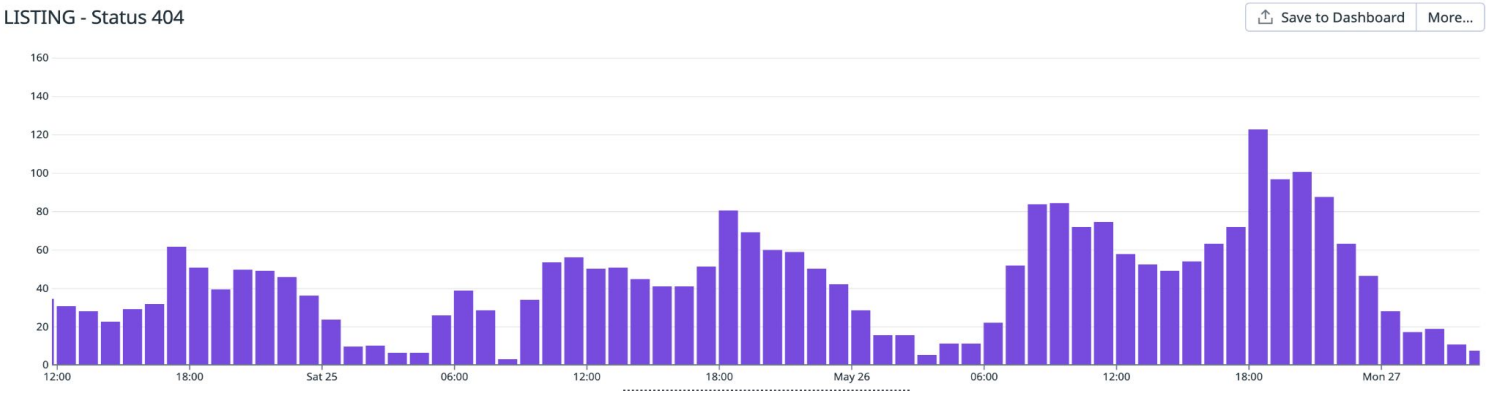
Un risque : Surinterpréter

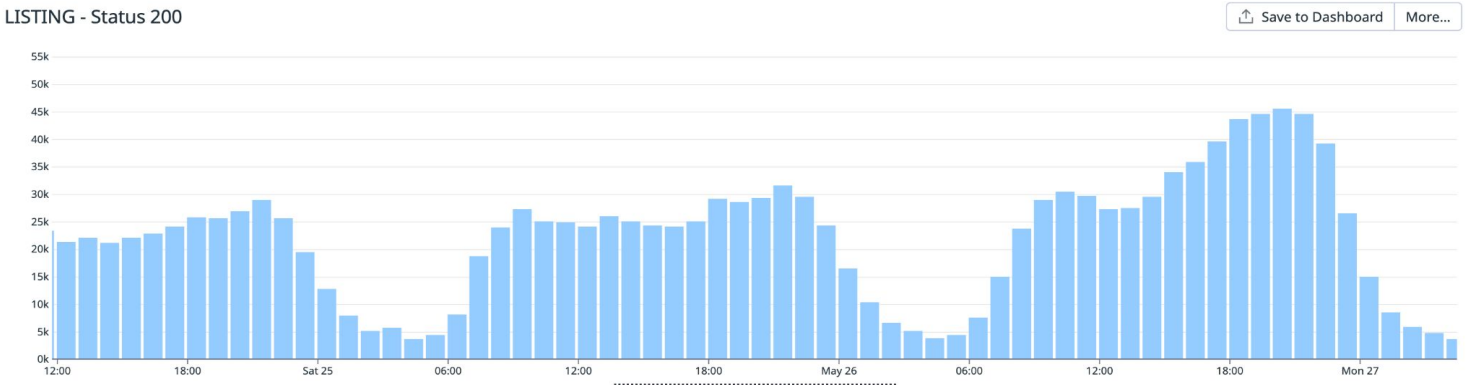


Un risque : Surinterpréter

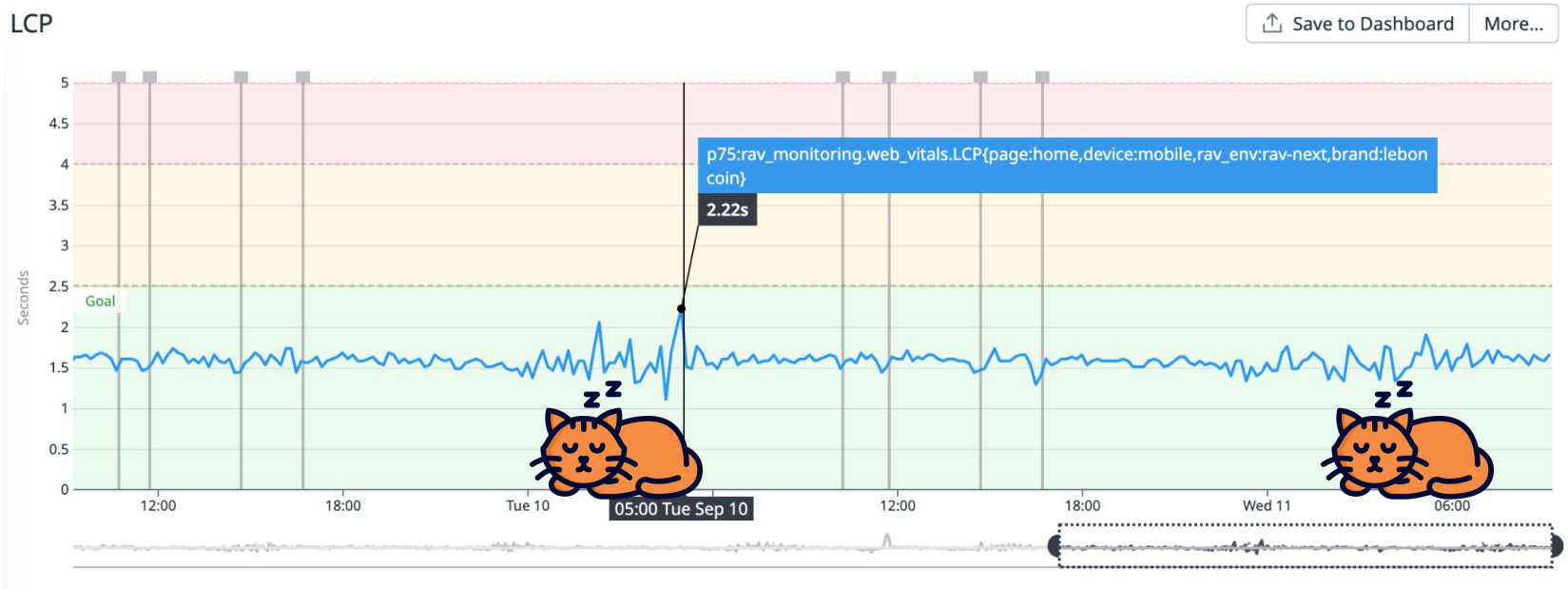


Un risque : Surinterpréter

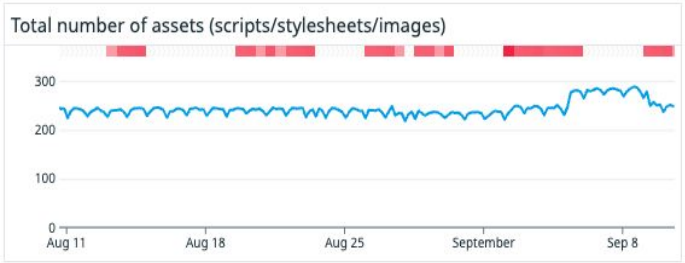


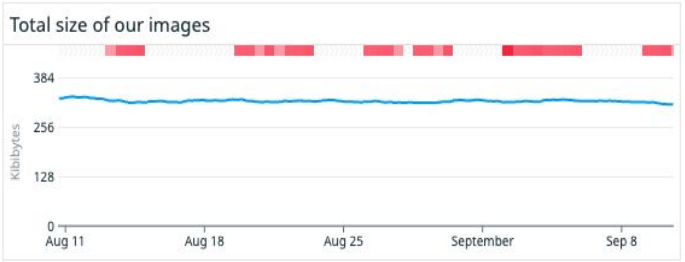


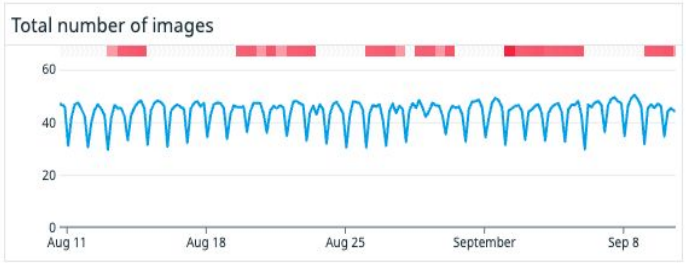
Les bizarreries



Un risque : Sur-monitorer

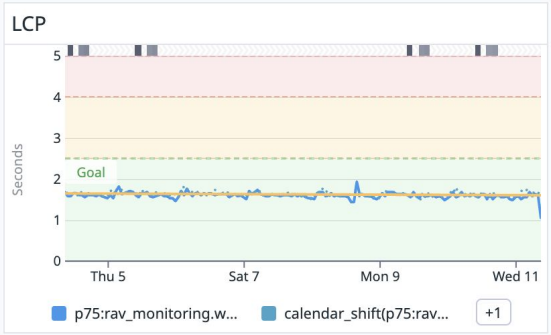






Passer à l'action !

Utiliser le monitoring pour cibler & prioriser

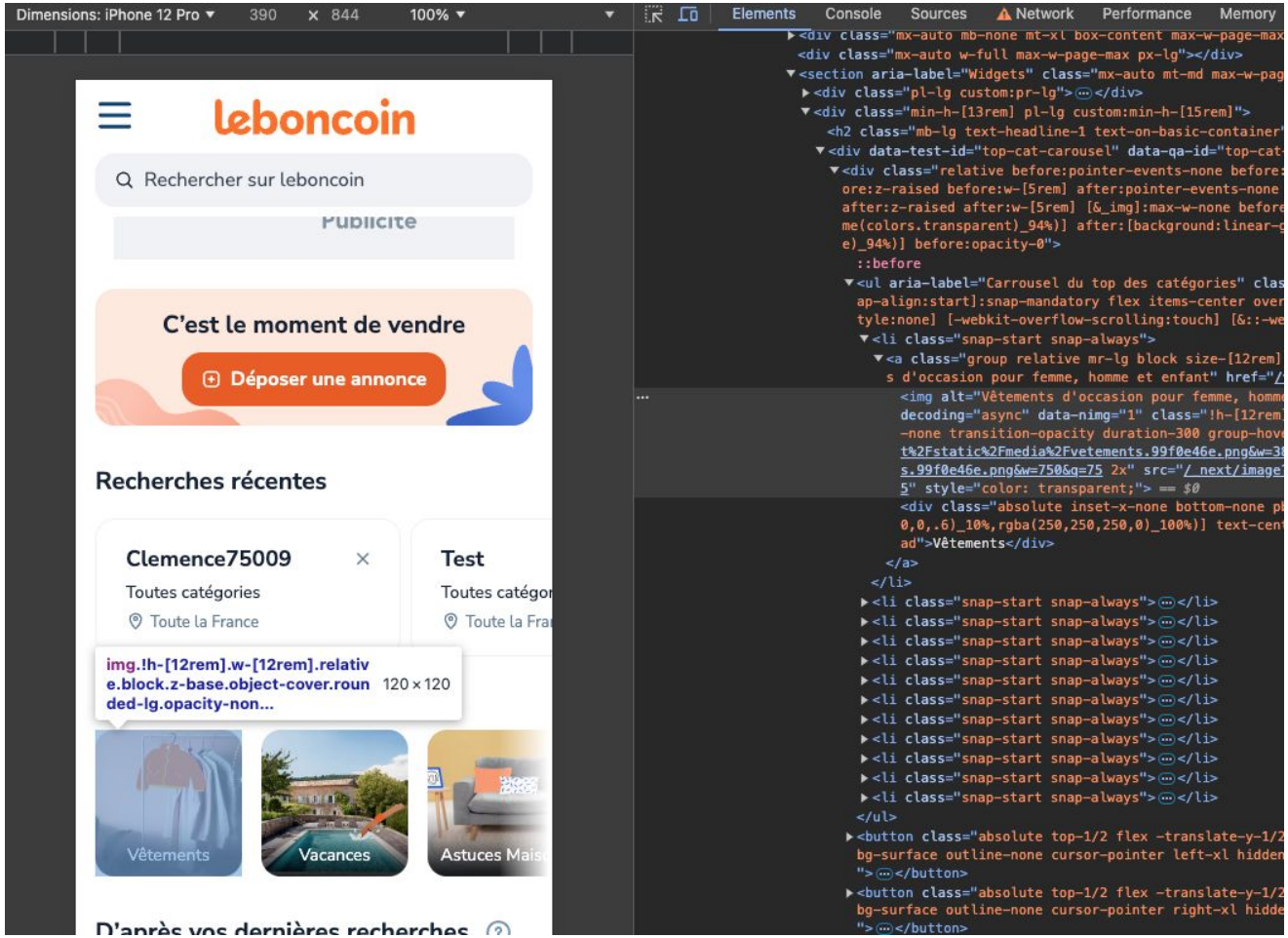


LCP Attribution Targets

LARGEST CONTENTFUL PAINT TARGET SEL...	P75 LCP	↓ COUNT
DIV[data-test-id="top-cat-carousel"]>DI...	5.97 s	51 839
DIV[data-test-id="image"]>DIV.relative>...	6.09 s	31 988
SECTION[data-qa-id="adview_spotlight_...	6.22 s	31 946

LCP Attribution Targets

LARGEST CONTENTFUL PAINT TARGET SELECTOR	P75 LCP	↓ COUNT
DIV[data-test-id="top-cat-carousel"]>DIV.relative>UL.support...	5.97 s	51 834
DIV[data-test-id="image"]>DIV.relative>DIV.relative>PICTURE...	6.09 s	31 989
SECTION[data-qa-id="adview_spotlight_container"]>DIV.cust...	6.22 s	31 962
DIV[data-testid="notice"]>DIV.didomi-popup-view>DIV.dido...	8.91 s	12 371
SECTION[data-qa-id="adview_spotlight_container"]>DIV.hidd...	6.47 s	9 258


Dimensions: iPhone 12 Pro 390 × 844 100%
leboncoin
Rechercher sur leboncoin
Publicité
C'est le moment de vendre
Déposer une annonce
Recherches récentes
Clemence75009
Toutes catégories
Toute la France
Test
Toutes catégor
Toute la Fra
img.!h-[12rem].w-[12rem].relative.block.z-base.object-cover.rounded-lg.opacity-non... 120 × 120
Vêtements
Vacances
Astuces Mais
D'après vos dernières recherches
Elements
Console
Sources
Network
Performance
Memory
<div class="mx-auto mb-none mt-xl box-content max-w-page-max

<section aria-label="Widgets" class="mx-auto mt-md max-w-pag
…

<h2 class="mb-lg text-headline-1 text-on-basic-container"
<div data-test-id="top-cat-carousel" data-qa-id="top-cat
<div class="relative before:pointer-events-none before:
ore:z-raised before:w-[5rem] after:pointer-events-none
after:z-raised after:w-[5rem] [&_img]:max-w-none before
me(colors.transparent)_94%)] after:[background:linear-g
e)_94%)] before:opacity-0">
::before
<ul aria-label="Carrousel du top des catégories" clas
ap-align:start]:snap-mandatory flex items-center over
tyle:none] [-webkit-overflow-scrolling:touch] [&::-we
<li class="snap-start snap-always">
<a class="group relative mr-lg block size-[12rem]
s d'occasion pour femme, homme et enfant" href="/
<img alt="Vêtements d'occasion pour femme, homme
decoding="async" data-nimg="1" class="!h-[12rem
-none transition-opacity duration-300 group-hov
t%2Fstatic%2Fmedia%2Fvetements.99f0e46e.png&w=3
s.99f0e46e.png&w=750&q=75 2x" src="/_next/image
5" style="color: transparent;"> == $0
<div class="absolute inset-x-none bottom-none p
0,0,.6)_10%,rgba(250,250,250,0)_100%)] text-cen
ad">Vêtements

<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…
<li class="snap-start snap-always">…

<button class="absolute top-1/2 flex -translate-y-1/2
bg-surface outline-none cursor-pointer left-xl hidden
">…</button>
<button class="absolute top-1/2 flex -translate-y-1/2
bg-surface outline-none cursor-pointer right-xl hidde
">…</button>

04

Alerter
Prévenir

Avant la production

Lighthouse-CI

github-actions bot commented last month • edited

Lighthouse CI Results

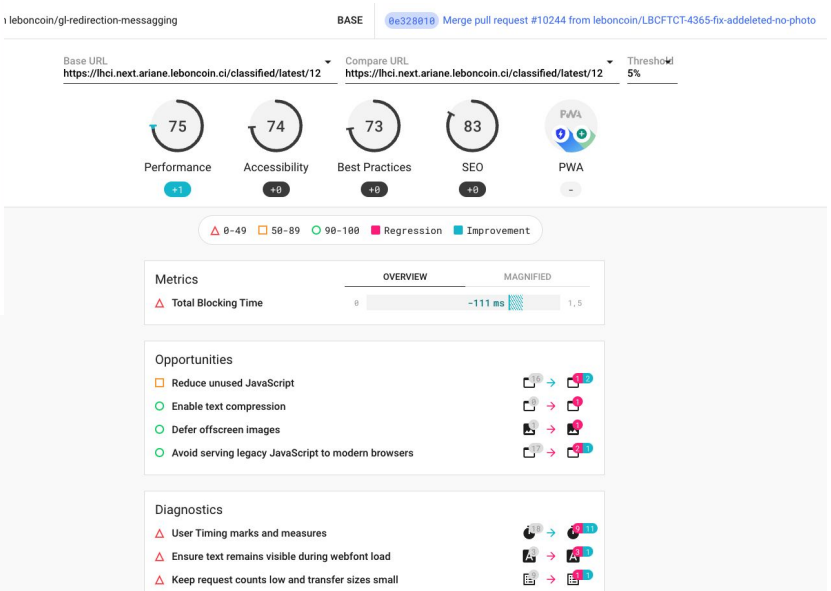
The following are the results of the Lighthouse CI run.

Lighthouse Comparison Report

Note: This Ariane instance is destroyed after analysis.

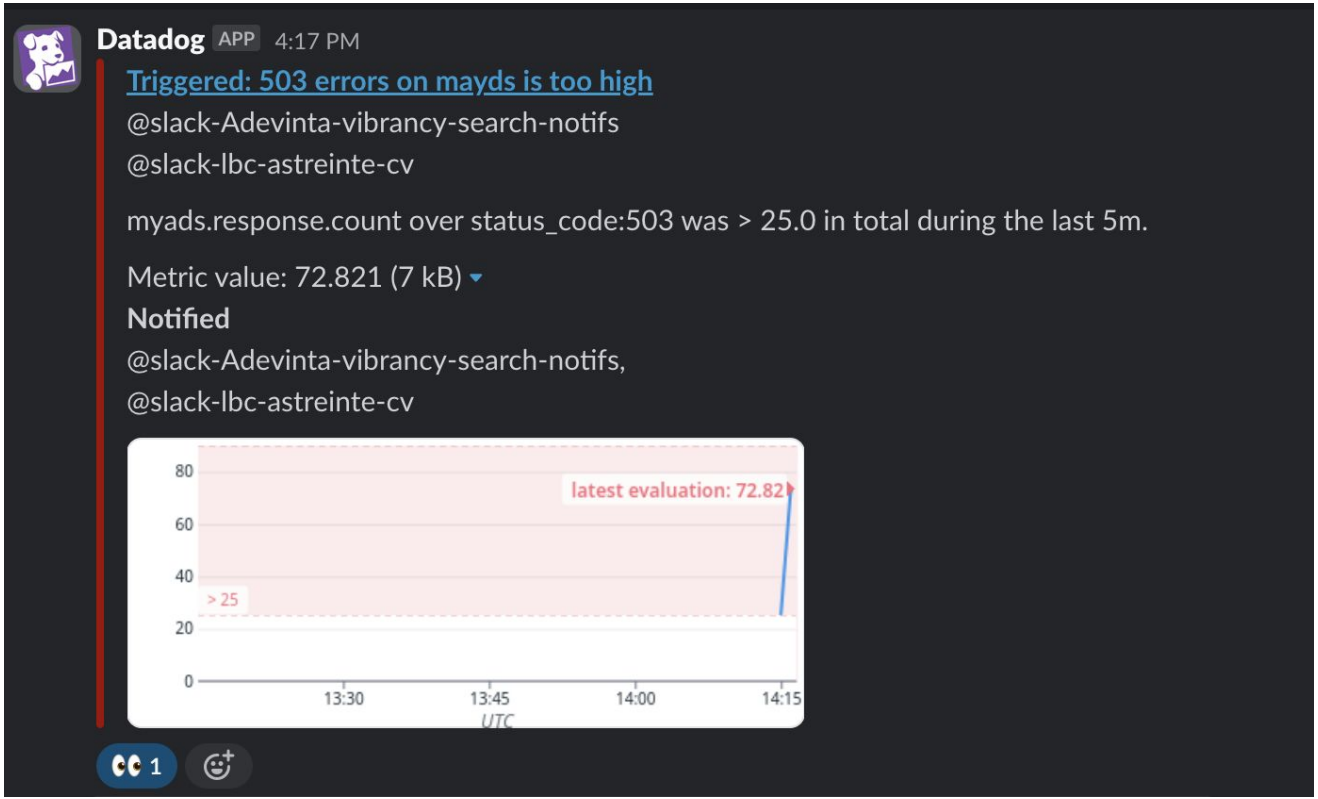
URL	Performance	LCP	CLS	TBT	Link to Report
/	71/100 🟢	1102 ms 🟢	0 🟢	2710 ms 🔴	Report
/maison_jardin/offres	64/100 🔴	2480 ms 🔴	0 🟢	6394 ms 🔴	Report
/classified/latest/12	70/100 🔴	1817 ms 🔴	0 🟢	2457 ms 🔴	Report

If you have any questions or need help debugging the problems feel free to contact us in #polaris-cop-webperf slack channel or check the performance documentation.



En production

Alerting



En production

Fixer les seuils

Pour aller plus loin...

Culture performance

Implication des équipes

Impacts sur les métriques

Objectifs

KPI d’équipes

Définition des seuils

Contribution

Open source

Partager

Merci

we speed

leboncoin tech

Sources illustrations : debugbear.com / web.dev / flaticons.com

leboncoin tech