

VYHODNOCOVÁNÍ KAMPANÍ V GA4



VAŠEK JELEN | SHOPTET MEETUP 13.6.2023



AGENDA

ZNAČENÍ KAMPAŇÍ PRO GA4

VYHODNOCOVÁNÍ KAMPAŇÍ V GA4

MODELOVÁNÍ DAT V GA4

GA4 AUDIENCE



VAŠEK JELEN

ANALYTIK



MEASUREDESIGN
digital analytics & technical marketing

ZNAČENÍ KAMPANÍ PRO GA4

?UTM?

URCHIN TRACKING MODULE

URCHIN PARAMETRY V ROCE 2005

UTM SOURCE

UTM MEDIUM

UTM CAMPAIGN

UTM TERM

UTM CONTENT

DOSTUPNÉ VS. POŽADOVANÉ PARAMETRY

UTM SOURCE

UTM MEDIUM

UTM CAMPAIGN

UTM TERM

UTM CONTENT

? PRODUKT

? DATUM/ČAS

? PUBLIKUM

? FÁZE REKLAMY

? BRAND / NONBRAND

UTM_ID

UTM_SOURCE

UTM_MEDIUM

UTM_CAMPAIGN

UTM_TERM

UTM_CONTENT

UTM_SOURCE_PLATFORM

UTM_Creative_FORMAT

UTM_MARKETING_TACTIC

C https://support.google.com/analytics/answer/10917952?hl=en#zippy=%2Cin-this-article

cal Mail TL Data & Analytics Calisthenics GD BigFunctions ACC

analytics Help Describe your issue

See custom-campaign data

Add utm parameters to URL

You can add the following parameters to your destination URLs:

- **utm_id**: Campaign ID. Used to identify a specific campaign or promotion. This is a required key for [GA4 data import](#). Use the same IDs that you use when [uploading campaign cost data](#).
- **utm_source**: Referrer, for example: google, newsletter4, billboard
- **utm_medium**: Marketing medium, for example: cpc, banner, email
- **utm_campaign**: Product, slogan, promo code, for example: spring_sale
- **utm_source_platform**: The platform responsible for directing traffic to a given Analytics property (such as a buying platform that sets budgets and targeting criteria or a platform that manages organic traffic data). For example: Search Ads 360 or Display & Video 360.
- **utm_term**: Paid keyword
- **utm_content**: Use to differentiate creatives. For example, if you have two call-to-action links within the same email message, you can use utm_content and set different values for each so you can tell which version is more effective.
- **utm_creative_format**: Type of creative, for example: display, native, video, search

 **utm_creative_format** is not currently reported in Google Analytics 4 properties.

- **utm_marketing_tactic**: Targeting criteria applied to a campaign, for example: remarketing, prospecting

 **utm_marketing_tactic** is not currently reported in Google Analytics 4 properties.

Each parameter must be paired with a value that you assign. Each parameter-value pair then contains campaign-related information.

Link: <https://support.google.com/analytics/answer/10917952?hl=en#zippy=%2Cin-this-article>



Acquisition

Overview

User acquisition

Traffic acquisition

Engagement

Overview

Events

Conversions

Pages and screens

Landing page

Monetization

Retention

User

User Attributes

Tech

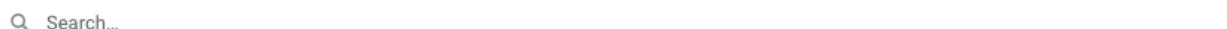
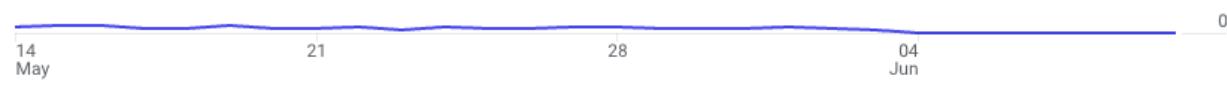
Library

A +

Traffic acquisition: Session source platform



+



Session source platform		+	↓ Users	Sessions	Engaged sessions	Average engagement time per session
14	May	100% of total	141,335	160,947	123,266	0m 42s
21			116,703	131,770	118,324	Avg 0%
28			25,439	26,009	3,334	0m 57s
04	Jun	100% of total	1,667	1,863	1,683	0m 42s

UTM_ID

UTM_SOURCE

UTM_MEDIUM

UTM_CAMPAIGN

UTM_TERM

UTM_CONTENT

UTM_SOURCE_PLATFORM

UTM_CREATIVE_FORMAT

UTM_MARKETING_TACTIC

HACKING UTM PARAMETRŮ

https://www.kosik.cz

?utm_source=*seznam*

&utm_medium=*cpc*

&utm_campaign=

*3284-363-44_7c_OBSAH-RMK-
NAKOUPILI-*

TEXT_display_rmk_nobrand_no_no_all

&utm_content=*RMK+-+15-30+dni*

VYHODNOCOVÁNÍ

KAMPAŇÍ

V GA4

TRAFFIC DIMENZE

GA3

SOURCE/MEDIUM

GA4

SESSION SOURCE/MEDIUM

FIRST USER SOURCE/MEDIUM

SOURCE/MEDIUM

https://analytics.google.com/analytics/web/#/analysis/p308470066/edit/GFZI4U-NTIK8VBJS6NYviw

TG cal Mail TL Data & Analytics Calisthenics GD ACC BigFunctions MDwiki EXP Adobe EC BigQuery SQL GA GTM Cookies VJ Free online wor... Initial form

Analytics

Dudu - GA4 - Shoptet napojení g
Dudu - GA4 - Sh

Variables

SEGMENTS

- US
- Direct traffic
- Paid traffic
- Mobile traffic
- Tablet traffic

DIMENSIONS

- Event name
- Country
- Device category
- City
- Session source / m...
- First user source / ...
- Source / medium
- Gender

METRICS

- Total users
- Conversions

Tab Settings

TECHNIQUE

- Free form

VISUALIZATION

- Bar chart
- Line chart
- Map
- Table

SEGMENT COM

ROWS

- Source / medium
- Event name

Drop or select

Start row

Show rows

Nested rows

COLUMNS

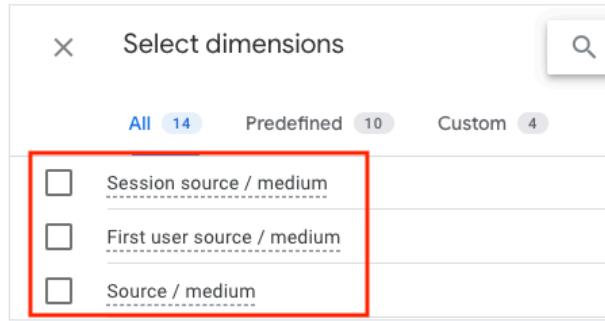
Drop or select

Select dimensions 7 of 169 selected

source

All 10 Predefined 10 Custom 0

- First user Google Ads ad network type
- First user Google Ads campaign
- First user Google Ads customer ID
- First user Google Ads keyword text
- First user Google Ads query
- First user manual ad content
- First user manual term
- First user medium
- First user source
- First user source / medium
- First user source platform
- Session campaign
- Session campaign ID
- Session default channel group
- Session Google Ads account name
- Session Google Ads ad group ID
- Session Google Ads ad group name
- Session Google Ads ad network type
- Session Google Ads campaign



Obrázek – vyhodnocování zdrojů v GA4

SESSION SOURCE/MEDIUM

FIRST USER SOURCE/MEDIUM

SOURCE/MEDIUM

Session source/medium, Session campaign apod. – tyto dimenze ukazují výkon daného zdroje v rámci návštěvy (session). Tj. pokud chci vidět, jaké zdroje mi přinesly návštěvy, nebo zdroje návštěv, v rámci kterých se staly konkrétní eventy, použiji „Session source/medium“, „Session campaign“ apod.). Je to ekvivalent „source“, „medium“, „campaign“ apod. v rozhraní GA3.

First user source/medium, First user campaign apod. – GA4 narozdíl od GA3 nabízí data o zdroji, ze kterého poprvé přišel na web nový návštěvník. To je ze strany GA4 celkem sympatická možnost, která v GA3 nebyla – neanalyzovat výkon zdrojů pouze z perspektivy poslední návštěvy, ale koukat se i, jaké zdroje mi poprvé přivádějí návštěvníky, kteří na webu ještě nebyli (a následně se stali zákazníky). Umožňuje to snáze vyhodnocovat akviziční marketingové aktivity.

Source/medium sloužící pouze pro vyhodnocování zdrojů návštěvnosti u eventů, které jsou zapnuté jako konverze (ekvivalent „cíle“ v GA3). Konverze/cíle se v GA4 nastavují jinak než v GA3. V GA3 bylo předdefinovaných několik možností, jak vytvořit konverzi – např. návštěva stránky nebo transakce. V GA4 se pouze v Admin – Conversions označí vybraný event a tím se zapne jako konverze. Detail, jak se v GA4 zapíná event jako konverze, [zde](#). Pokud mám zapnutý event jako konverzi, Google mi u něj umožní vyhodnocovat zdroje podle zvoleného atribučního modelu. Např. v konverzním reportu (Engagement – Conversions) je pak vidět zdroj/medium (v tomto případě pomocí dimenze „source/medium“) pro dané konverze. Defaultní atribuční model pro konverze je v GA4 data-driven atribuční model (lze změnit v Admin – Attribution Settings).

Link: <https://www.reshoper.cz/cs/blog/detail/priprava-e-shopu-na-prichod-google-analytics-4>

Analytics All accounts > Dudlu

Dudlu – GA4 - Shoptet napo... ▾ Try searching "users today"

ADMIN USER

Property + Create Property

Dudlu – GA4 - Shoptet napojení gtag (3...)

Setup Assistant

Property Settings

Data Streams

Events

Conversions

Audiences

Custom definitions

Data Settings

Data Import

Reporting Identity

Attribution Settings

DebugView

Attribution Settings

Reporting attribution model

The attribution model used to calculate conversion credit in your reports within this Analytics property. Changing the attribution model will apply to both historical and future data. These changes will be reflected in reports with conversion and revenue data. User and session data will be unaffected. [Learn about how attribution models affect your reporting data](#)

Affects conversion and revenue data

Reporting attribution model

Data-driven Paid and organic channels



Lookback window

Conversions can happen days or weeks after a person interacts with your ad. The lookback window determines how far back in time a touchpoint is eligible for attribution credit. For example, the 30-day lookback window will result in January 30 conversions being attributed only to touchpoints occurring from January 1 - 30.

Affects all data

Changing the lookback window will only apply going forward. These changes will be reflected in all reports within this Analytics property.



Analytics | Dudlu - GA4 - Shoptet napojení gtag | Dudlu - GA4 - Shoptet napoj...

Try searching "property ID"

Variables

- Exploration Name: 202306 VJ Shoptet partner...
- Custom: May 12 - Jun 10, 2023
- SEGMENTS

 - US
 - Direct traffic
 - Paid traffic
 - Mobile traffic
 - Tablet traffic

- DIMENSIONS

 - Event name
 - Country
 - Device category
 - City
 - Session source / m...
 - First user source / ...

Tab Settings

TECHNIQUE: Free form

VISUALIZATION:

SEGMENT COMPARISONS: Drop or select segment

ROWS:

- Event name
- Session source / m...

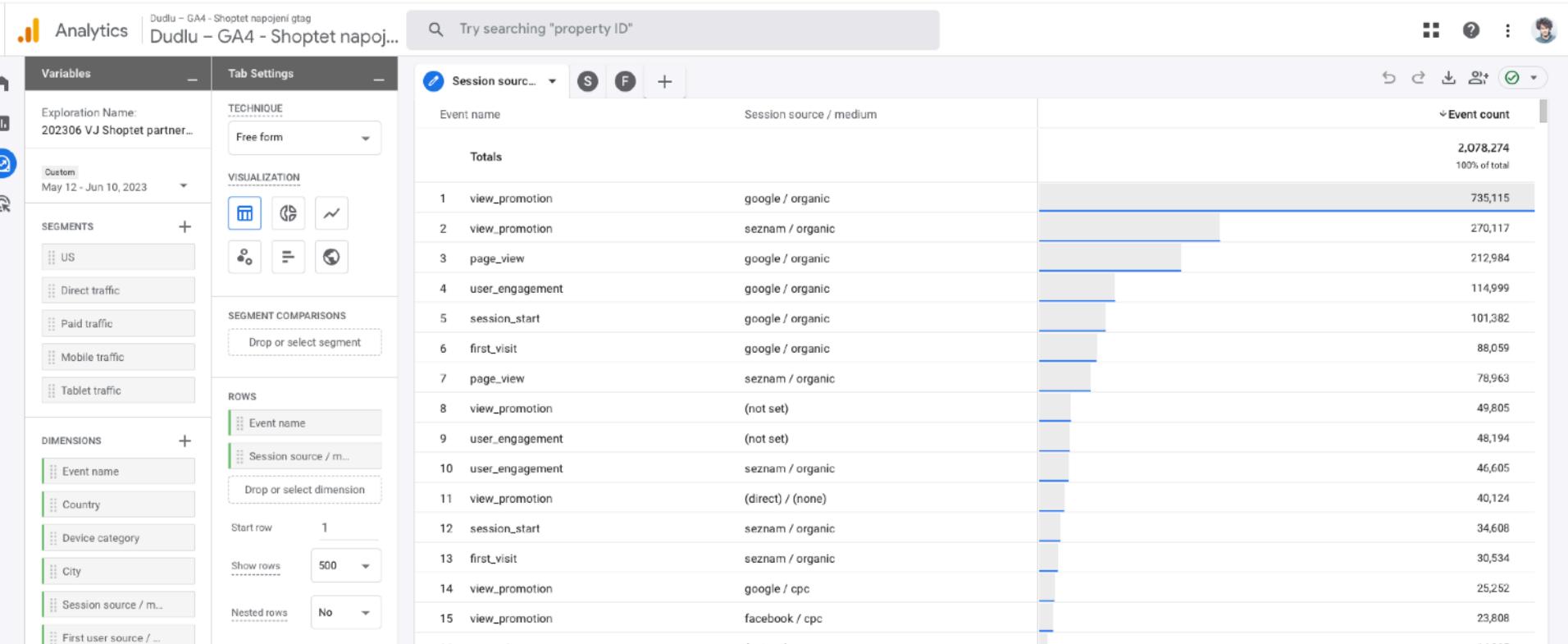
Start row: 1

Show rows: 500

Nested rows: No

Session sourc...

Event name		Session source / medium	Event count
Totals			2,078,274 100% of total
1	view_promotion	google / organic	735,115
2	view_promotion	seznam / organic	270,117
3	page_view	google / organic	212,984
4	user_engagement	google / organic	114,999
5	session_start	google / organic	101,382
6	first_visit	google / organic	88,059
7	page_view	seznam / organic	78,963
8	view_promotion	(not set)	49,805
9	user_engagement	(not set)	48,194
10	user_engagement	seznam / organic	46,605
11	view_promotion	(direct) / (none)	40,124
12	session_start	seznam / organic	34,608
13	first_visit	seznam / organic	30,534
14	view_promotion	google / cpc	25,252
15	view_promotion	facebook / cpc	23,808



Tab Settings

Drop or select dimension

Start row 1

Show rows 500

Nested rows No

COLUMNS

Drop or select dimension

Start column group 1

Session sourc... S F +

Event name Session source / medium

Totals

1	purchase	google / organic	179 100.0% of total
2	purchase	seznam / organic	21
3	purchase	(direct) / (none)	18
4	purchase	(not set)	18
5	purchase	google / cpc	11
6	purchase	heureka.cz / referral	9

Variables

202306 VJ Shoptet partner...

Custom
May 12 - Jun 10, 2023

SEGMENTS +

- US
- Direct traffic
- Paid traffic
- Mobile traffic
- Tablet traffic

DIMENSIONS +

- Event name
- Country

Tab Settings

Event name

Drop or select dimension

Start row 1

Show rows 10

Nested rows No

COLUMNS

Drop or select dimension

Start column group 1

VALUES

Source/medium S F +

Source / medium Event name Conversions

Totals

1	google / organic	objednání	504 100.0% of total
2	google / organic	purchase	137.03
3	(direct) / (none)	objednání	77.71
4	seznam / organic	objednání	53
5	(direct) / (none)	purchase	38
6	seznam / cpc	objednání	29
7	google / cpc	purchase	29
8	google / organic	objednání	20
9	heureka.cz / referral	purchase	18
10	product-widgets.shoptet.imagineanything.cz / referral	objednání	14
			10.14

UŽITEČNÉ LINKY - POPIS USER SCOPE A SESSION SCOPE DIMENZÍ

☰ Analytics Help

🔍 Describe your issue

Session-scoped dimensions

In addition to the following session-scoped dimensions, you will find session-scoped dimensions that are specific to the platforms you integrate with Analytics (e.g., "Session Google Ads campaign", which is the [Google Ads campaign](#) for new session).

Dimension	What it is	How it's populated
Session campaign	The campaign that was associated with the start of a session.	To learn how to populate this dimension, see Traffic-source dimensions, manual tagging, and auto-tagging .
Session campaign ID	The ID of the campaign that was associated with the start of a session.	To learn how to populate this dimension, see Traffic-source dimensions, manual tagging, and auto-tagging .
Session default channel group	The default channel group that was associated with the start of a session.	To learn how to populate this dimension, see Traffic-source dimensions, manual tagging, and auto-tagging .
Session manual	The ad content that was associated with the start of a session.	Populate this dimension by manually

POPIS USER SCOPE A EVENT SCOPE DIMENZÍ : [HTTPS://BIT.LY/3J7FQYV](https://bit.ly/3J7FQyV)

UŽITEČNÉ LINKY - DATA DRIVEN MODEL

☰ Analytics Help

🔍 Describe your issue

Data-driven attribution

Data-driven: Data-driven attribution distributes credit for the conversion based on data for each conversion event. It's different from the other models because it uses your account's data to calculate the actual contribution of each click interaction.



Each **Data-driven** model is specific to each advertiser and each conversion event.

How data-driven attribution works

Attribution uses machine learning algorithms to evaluate both converting and non-converting paths. The resulting *Data-driven* model learns how different touchpoints impact conversion outcomes. The model incorporates factors such as time from conversion, device type, number of ad interactions, the order of ad exposure, and the type of creative assets. Using a counterfactual approach, the model contrasts what happened with what *could have occurred* to determine which touchpoints are most likely to drive conversions. The model attributes conversion credit to these touchpoints based on this likelihood.

Note: Depending on data availability, data-driven attribution models may leverage aggregate data from [Data sharing settings](#).

Data-driven attribution uses path data—including data from both converting and non-converting users—to understand how the presence and timing of particular marketing touchpoints may impact your users' probability of conversion. The resulting models assess how likely a user is to convert at any particular point in the path, given exposure to a particular ad interaction.

JAK FUNGUJE DATA DRIVEN MODEL : [HTTPS://BIT.LY/30ZNP5U](https://bit.ly/30ZNP5U)

MODELOVÁNÍ

v GA4



Try searching "property ID"

ADMIN

USER

Property

+ Create Property

Dudlu – GA4 - Shoptet napojení gtag (3...)



Setup Assistant

Property Settings

Data Streams

Events

Conversions

Audiences

Custom definitions

Reporting Identity

Determines which methods Analytics uses to associate events with users. [Learn more](#)

How would you like to identify your users?

Blended

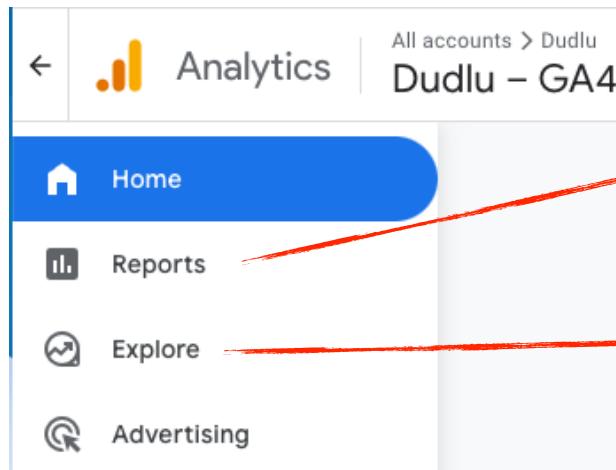
This identity evaluates: user ID, Google signals, device ID, modeled data.

Observed

This identity evaluates: user ID, Google signals, device ID.

[Save](#)[Cancel](#)[Show all](#)

ROZHRANNÍ



DOMODELOVANÁ DATA

**DOMODELOVANÁ DATA POUZE V
EXPLORE REPORTU (TABULKA) JINAK
NEDOMODELOVANÁ DATA**

GA4 API

DOMODELOVANÁ DATA



**Google
BigQuery**

NEDOMODELOVANÁ DATA

DOMODELOVANÁ DATA

GA4 Interface (data driven model)

Sessions

10,266,011

Total users

3,428,489

session source/medium	Sessions ▾
(direct)/(none)	3,770,151
google/organic	2,411,737
seznam/organic	1,297,208
google/cpc	624,927
bing/organic	333,875

NEDOMODELOVANÁ DATA

BigQuery (raw data)

Sessions (unique_sessionID)

7,364,054

Total users (user_pseudo_id)

2,685,532

BQ session source/medium	unique_sessionID ▾
(direct)/(none)	4,323,986
google/organic	1,207,667
seznam/organic	746,274
google/cpc	333,635
bing/organic	139,206



Search



Home



My Network



Jobs



Messaging



Notifications



Me ▾



For Business ▾



Advertise

Edit article

View stats

View post

BQ session sources

Sessions (unique_sessionID)
7,364,054

Total users (user_pseudo_id)
2,685,532

BQ session source/medium	unique_sessionID ▾
(direct)/(none)	4,324,353
google/organic	1,207,766
seznam/organic	746,313
google/cpc	333,667
bing/organic	139,214



GA4 - vyhodnocování kampaní v Google BigQuery



Vašek Jelen

Lead Analyst & Co-Founder at MeasureDesign

3 articles

June 6, 2023

BIT.LY/43QMYEU

UTM_ID A BIGQUERY ADS ISSUE

https://www.shoptet.cz/?utm_id=CZE_SHO_ADS_1_ACQ_DO&gclid=CjwKCAjwp6CkB.....

The screenshot shows a web browser with the URL https://www.shoptet.cz/?utm_id=CZE_SHO_ADS_1_ACQ_DO&gclid=CjwKCAjwp6CkB..... in the address bar. The page features the Shoptet logo at the top left. A navigation bar includes links for CO UMÍME, CENÍK, ŠABLONY, REFERENCE, PODPORA, and KONTAKT. The main content area has a large blue background with white text that reads "Klikněte a podnikejte". Below this, there's a form with an envelope icon and the placeholder "Zadejte pouze váš e-mail" (Enter your email only). To the right of the form is a large orange button with the text "VYZKOUŠET ZDARMA". At the bottom of the form, a small note in blue text says "Vložením e-mailu souhlasíte s podmínkami ochrany osobních údajů a všeobecnými obchodními". On the right side of the page, there's a partial view of a mobile device displaying a slide from a presentation.

Google Cloud shoptet-analytics Untitled 2 events_20230611 Search / Search

Type to search

Viewing workspace resources. SHOW STARRED ONLY

SCHEMA DETAILS PREVIEW LINEAGE

Row	event_date	event_timestamp	event_name	session_start	event_params.key	event_params.value.string_value	eve_int_value
7	20230611	168650109...			page_title	Shoptet.sk: Vlastný e-shop rýchlo od jednotky na trhu	null
8	20230611	168650938...	page_view		page_rereferrer	https://www.google.com/	null
					page_location	https://www.shoptet.sk/?utm_id=SVK_SHO_ADS_2_ACQ_DO_E-shop_Without_free&gad=1&gclid=EA1alQobChMlhuKtidK7_wlVrejmCh2JnAD3EAYASAAEgKhcPD_BwE	null
					ga_session_number	null	1
					campaign	(organic)	null
					gclid	EA1alQobChMl8vmdgvG7_wlVVYpoCR0F7QrEEAAYASAAEgJz7vD_BwE	null
					page_title	Shoptet.sk: Vlastný e-shop rýchlo od jednotky na trhu	null
					page_category_1	not_available_DL	null
					session_engaged	0	null
					medium	organic	null
					shoptet_account_id	not_available_DL	null
					content_group	homepage	null
					page_type	homepage	null
					ga_session_number	null	1
					page_category_2	not_available_DL	null
					currency	EUR	null
					campaign_id	SVK_SHO_ADS_2_ACQ_DO_E-shop_Without_free	null
					shoptet_account_id_hashed	not_available_DL	null
					source	google	null
					page_location	https://www.shoptet.sk/?utm_id=SVK_SHO_ADS_2_ACQ_DO_E-shop_Without_free&gad=1&gclid=EA1alQobChMlhuKtidK7_wlVrejmCh2JnAD3EAYASAAEgJz7vD_BwE	null
					entrances	null	1
					term	(not provided)	null
					page_category_3	not_available_DL	null
					page_referrer	https://www.google.com/	null
					engaged_session_event	null	1
					environment	not_available_DL	null
9	20230611	168650946...	user_engagement		page_referrer	https://www.google.com/	null

MODELOVÁNÍ JE I JEDEN Z DŮVODŮ PROČ SE BUDOU LIŠIT GA3 A GA4 DATA!

Počet uživatelů

	Počet uživatelů GA3	Počet uživatelů GA4
Data za 04/2023	42 994	54 872

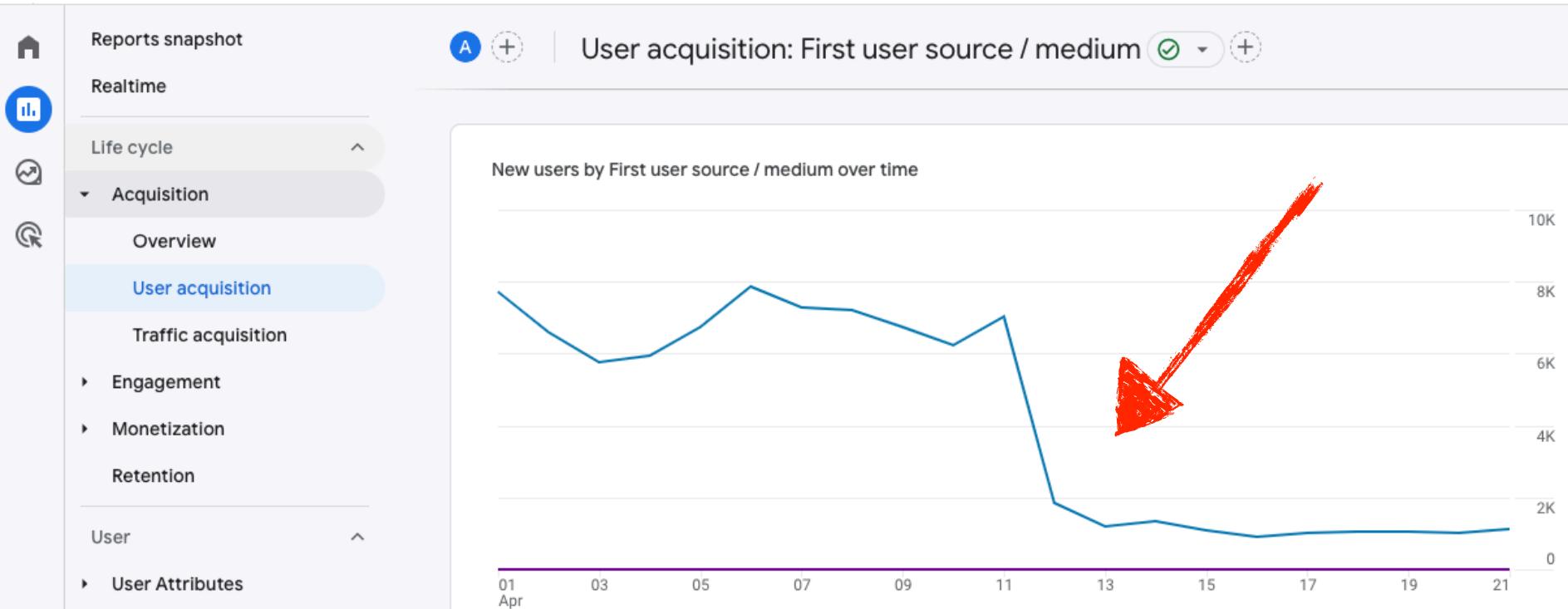
Počet návštěv

	Počet návštěv GA3	Počet návštěv GA4
Data za 04/2023	55 127	70 760

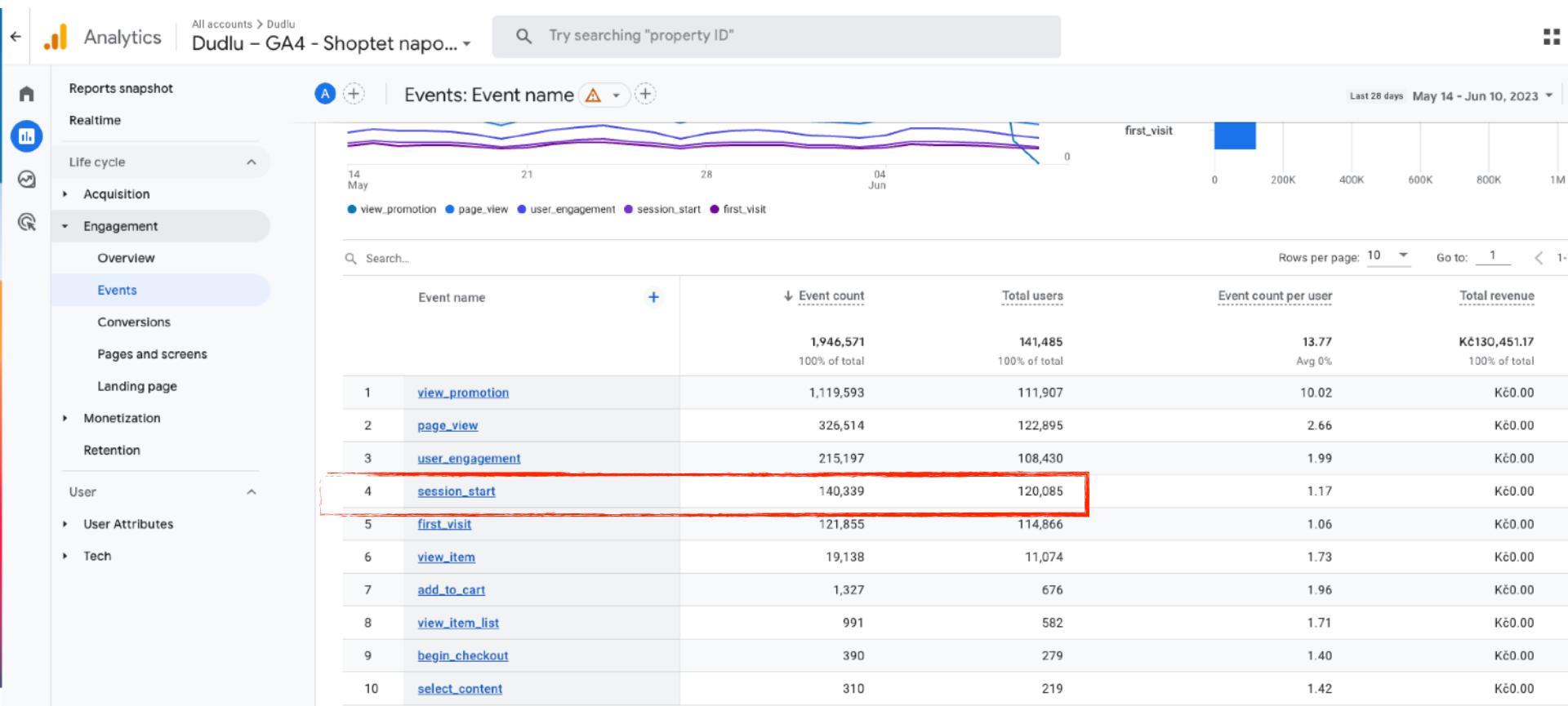
Link: <https://www.reshoper.cz/cs/blog/detail/priprava-e-shopu-na-prichod-google-analytics-4>

MODELOVÁNÍ - POROVNÁNÍ REPORTŮ

DROP PO ZAPNUTÍ GOOGLE SIGNALS



ENGAGEMENT - EVENTS



EXPLORE - FREE FORM

TG cal Mail TL Data & Analytics Calisthenics GD BigFunctions ACC MDwiki EXP Adobe EC BigQuery SQL GA GTM

Dudu - GA4 - Shoptet napojení gtag
Dudu - GA4 - Shoptet napoj...

Analytics Try searching "how to do BigQuery export"

Variables

Exploration Name:
202306 Shoptet partner da...

Custom
May 14 - Jun 10, 2023

Segments

- US
- Direct traffic
- Paid traffic
- Mobile traffic
- Tablet traffic

Dimensions

- Event name
- Gender
- Country
- Device category
- First user acquisition

Tab Settings

TECHNIQUE
Free form

VISUALIZATION

SEGMENT COMPARISONS
Drop or select segment

ROWS

Event name
Drop or select dimension

Start row 1

Show rows 10

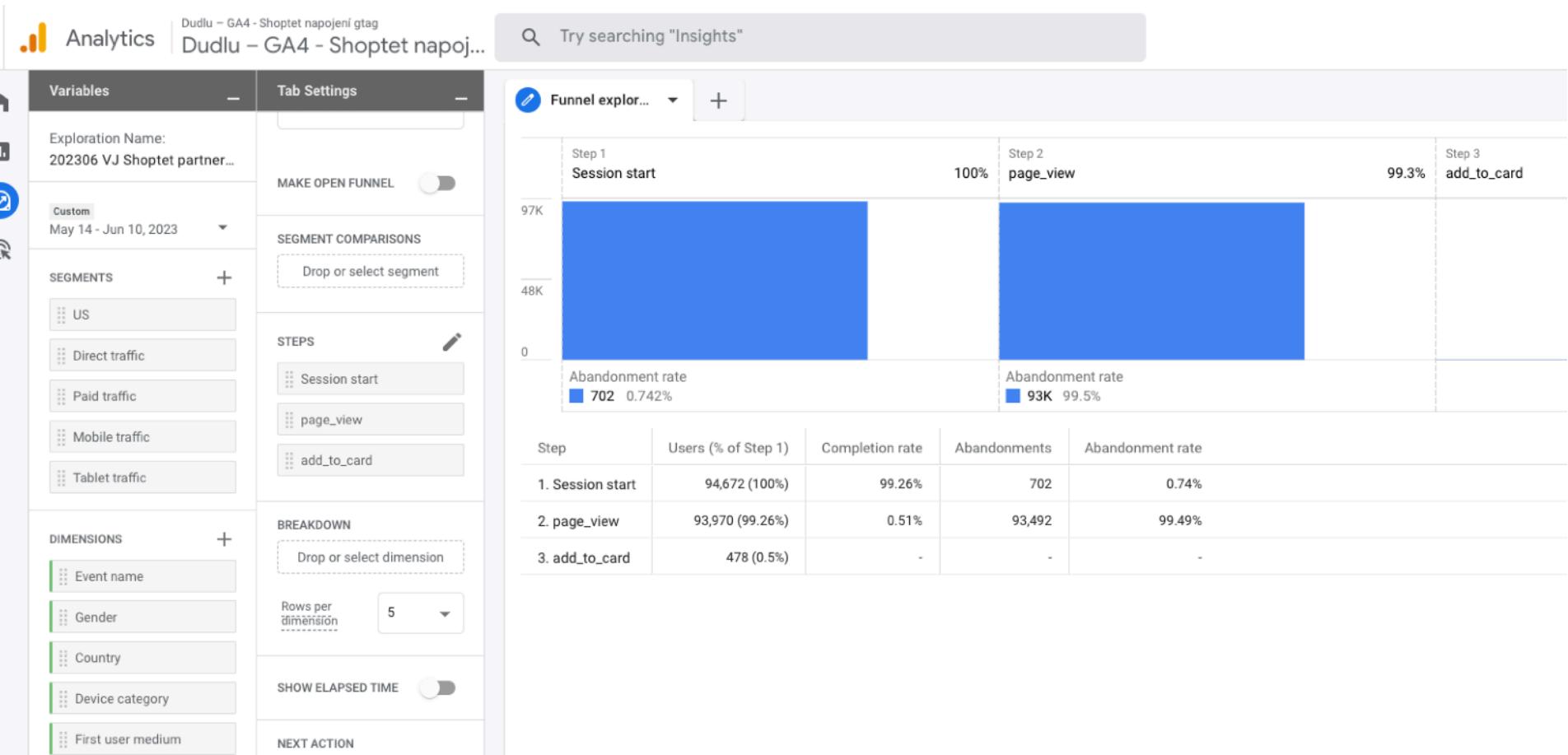
Nested rows No

If an exploration has a segment with a sequence, it will only show data for users who consented to the u:

Free form 1

Event name	↓ Event count
Totals	1,946,564 100.0% of total
1 view_promotion	1,119,544
2 page_view	326,500
3 user_engagement	215,172
4 session_start	140,335
5 first_visit	121,853
6 view_item	19,135
7 add_to_cart	1,327
8 view_item_list	991
9 begin_checkout	390
10 select_content	310

EXPLORE - FUNNEL



Google Cloud DudluCZ Search (/) for resources, c

Explorer + ADD ↵

Type to search

Viewing workspace resources.

SHOW STARRED ONLY

dudlucz

- External connections
- analytics_308470066
 - events_ (88)
 - events_intraday_ (2)
- shoptet

Untitled 3 RUN SAVE SHARE SCHEDULE MORE

Untitled 2 events_20230610 *Untitled 3

```
1 SELECT count (distinct user_pseudo_id) FROM `dudlucz.analytics_308470066.events_2023*`  
2 where event_date between "20230514" and "20230610"
```

Query results

Row	f0_
1	92770

JOB INFORMATION RESULTS JSON EXECUTION DETAILS EXECUTION GRAPH PREVIEW

```
SELECT count (distinct user_pseudo_id) FROM `dudlucz.analytics_308470066.events_2023*`  
where event_date between "20230514" and "20230610"
```

GA4 AUDIENCE

Untitled audience

[Help center](#) Cancel Save

Provide a short description

Include users when:

Event name

+ Add filter

Or

×

And

+ Add condition group to include

i Add sequence to include

Add group to exclude

Additional audience settings

MEMBERSHIP DURATION

30 days

Set to maximum limit

AUDIENCE TRIGGER

+ Create new

One of your filter definitions is not complete.

Summary

USERS IN THIS AUDIENCE

6

35.3% of all users

INCLUDE

6

EXCLUDE

-

Events

Pages and screens

DEAP

Conversions

▶ Products store_desktop

▶ Products store_go

Retention

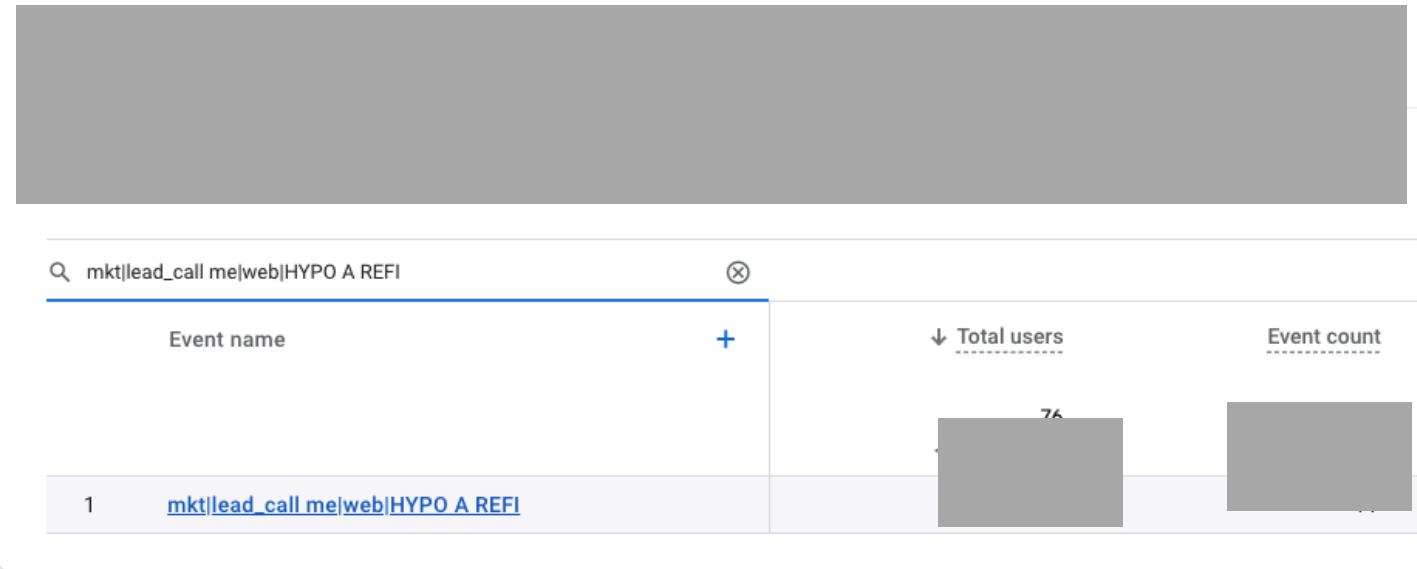
Search Console



▶ Search Console



SEO



MKT | LEAD_CALL_ME | WEB | HYPO_A_REFI

- **MKT | LEAD | WEB | UVEROVE_PRODUKTY**
- **MKT | LEAD_CALL_ME | WEB | HYPO_A_REFI**
- **MKT | LEAD_CALL_ME | WEB | PUJCKA**

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