

Meet your presenters



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Drupal4Gov.us Drupal**4;Gov**

What we're talking about today

- What problem did we need to solve?
- Why was GA4 a good fit?
- The basics of Google Tag Manager and Google Analytics
- A roadmap for implementing a similar solution on your Drupal site

Some assumptions

- You have a basic understanding of Google Analytics
- You know the most basic data points that you can collect
 - Page views, sessions, user demographics, etc.
- You know there was a shift from Universal Analytics to GA4 in 2023
- You may know how to add a Google tag to a Drupal site



What problem did we need to solve?



As a federally-funded entity or project, your website will have reporting requirements



Google Analytics provides a free way to access your Drupal website analytics

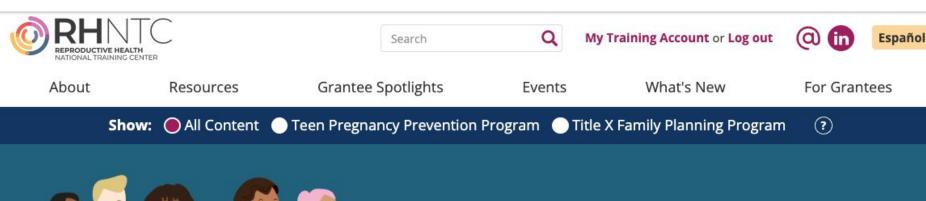


But the basic GA reports might not align with your reporting goals. What do you do then?

Case study



rhntc.org





The Reproductive Health National Training Center is your go-to source for family planning and adolescent health training and technical assistance.

Our measurement problem?



700

Resources

1950

Training Lists

275

Evaluations



Primary Audiences 3 Funding Sources

Resource Categories

45
Resource
Topics

We had lots of data, but not easily accessible

Without being able to differentiate our GA reports by resource type, audience, funding source, category, or topic...



...it was more challenging to understand our audience behavior and demonstrate the impact of our content strategy.

We found 68 results for your search.

Format/Type ▼

Preconception and Preventive Health X

Sort by

Featured

Newest

Most Relevant

A>Z

Z>A

Enter Keyword

Topic ▼

Counseling and Services

Resources to support the delivery of quality reproductive and adolescent health counseling, education, and other services, including those outlined in the Quality Family Planning Recommendations.

m Reset

Langua

ze ▼

▼ Filter Counseling and Services Resource

Submit

Clear all

Audience -



Browse Topics

Choose a primary topic to view all of its related resources. Or choose a sub-topic to filter your search.

Counseling and Services >

Achieving Pregnancy and Infertility Contraception

Healthy Relationships

Human Trafficking

Hypertension

reconception and Preventive Health

Pregnancy Testing

Reproductive Goals/Life Planning Sexually Transmitted Infections

Substance Use and Mental Health Telehealth

Youth-Friendly Care

CE Credit ▼

Access to Services >

Male Services Maternal Health

Trauma-Informed Approaches

Partnerships >

Partnership Development Referrals and Linkages Systems Thinking

Recruitment and Retention

Client Recruitment Patient Experience Staff Retention and Wellness

Research, Evaluation and Improvement >

Clinic Efficiency Monitoring and Evaluation

Outcome Measures

Quality Improvement Research on TPP Programs and Components

Title X Administrative Operations >

Community Education, Participation, and Engagement

Family Participation and Sexual Coercion **FPAR**

Information and Education (I&E)

Introduction to Title X **Mandatory Reporting**

Staff Training Expectations

Subrecipient Monitoring and Engagement

Title X Financial Operations >

340B

Billing and Coding Cost Analysis

Financial Management

Total Program Concept

TPP Program Essentials >

Communication and Dissemination

Community Engagement

Fidelity and Adaptations

Innovation Introduction to TPP

Parent/Caregiver Engagement

Program Selection

Sustainability

Youth Engagement



Search Q

Log In or Create Profile





About Resources Grantee Spotlights Events News For Grantees



Title X Project Promotion Toolkit

Toolkit/Guide Community Education, Participation, and Engagement

t Title X Family Planning Program

Share (y) (f) (in

Welcome to the Toolkit

How do you make sure people know about your Title X services and see their value?

Title X project promotion focuses on showing your priority audiences the services that are available and why they are important and worth the effort to access. This toolkit will support you in selecting the right promotion channels (like print ads, radio and TV commercials, and paid and organic social media) for your priority audiences. It will also help you develop strategic promotional content and evaluate your promotion activities.

This toolkit was developed in partnership with Javelina, a national branding and advocacy organization.

- How to Use the Toolkit
- → Learn how a project promotion plan can help you meet Title X Program expectations

The Title X Program expectations require that Title X agencies provide opportunities for community education, participation, and engagement (CPEP). Follow the steps below to better understand how this toolkit and its *Project Promotion Plan* template can help you adhere to—and show adherence to—CPEP expectations.

ACTION STEPS

SUPPORTIVE RESOURCES

Review the Title X Program CPEP expectations.

Title X Program Handbook
View d

In This Resource:

Welcome

How to Use the Toolkit

Learn how a project promotion plan can help you meet Title X Program expectations

Build the foundation for your project promotion activities

Understand and gather information about your priority audience

Select the right promotion channels for your priority audience

Develop promotional content to engage your priority audience

Evaluate your project promotion activities

Other Strategies to Increase

Our first GA dashboard

RHNTC Evaluation Dashboard

Oct 1, 2020 - Apr 30, 2021 -



Resources

Search for a Resource Searching resources will update all metrics related to that resource Page Title Pageviews Total Downloads 531,409 39,091 · -9.8% *Compared to previous 30 day time period **New RHNTC Resources** *Resources added during selected time period Family Planning Resources 30 Family Planning Resources * Using the RHNTC Website to Track Your Training Completion Using the RHNTC Website to Track Your Network's Training Completion Job Aid Tips For Recruiting and Retaining Youth in Virtual Programs Webinar Companion

The Basics of Human Trafficking

Signs and Indicators of Human Trafficking

Sample Policy for Hypertension Prevention and Control

Resource Pageviews

	Page Title	Pagevie	ws 🔻
1.	Title X Orientation: Program Requirements for Title X Funded Family Planning Projects eLearning Reproductive Health National Training Center	1	14,625
2.	Title X Orientation: Program Requirements for Title X Funded Family Planning Projects eLearning Family Planning National Training Center		5,877
3.	Cultural Competency in Family Planning Care eLearning Reproductive Health National Training Center		5,426
4.	Identifying and Responding to Human Trafficking in Title X Settings eLearning Course Reproductive Health National Training Center		4,722
5.	Counseling Adolescent Clients to Resist Sexual Coercion Video Reproductive Health National		4,515
	1-100/109	52 (>

Resource Downloads *Total events equal number of downloads

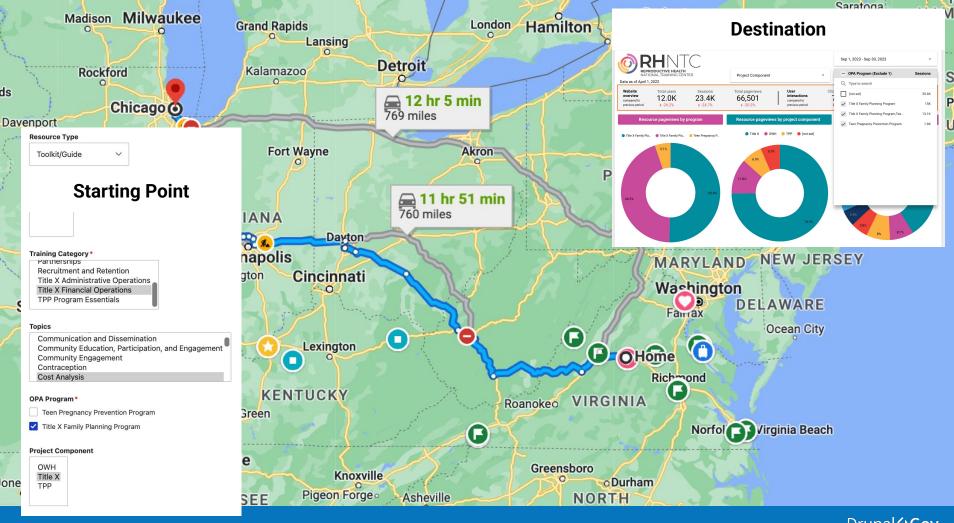
	File Type	Page Title	Total Events 🕶
1.	PDF	Birth Control Methods Options Chart Reproductive Health National Training Center	2,458
2.	PDF	Title X Orientation: Program Requirements for Title X Funded Family Planning Projects eLearning Reproductive Health National Training Center	1,597

How did the RHNTC connect with Emily?



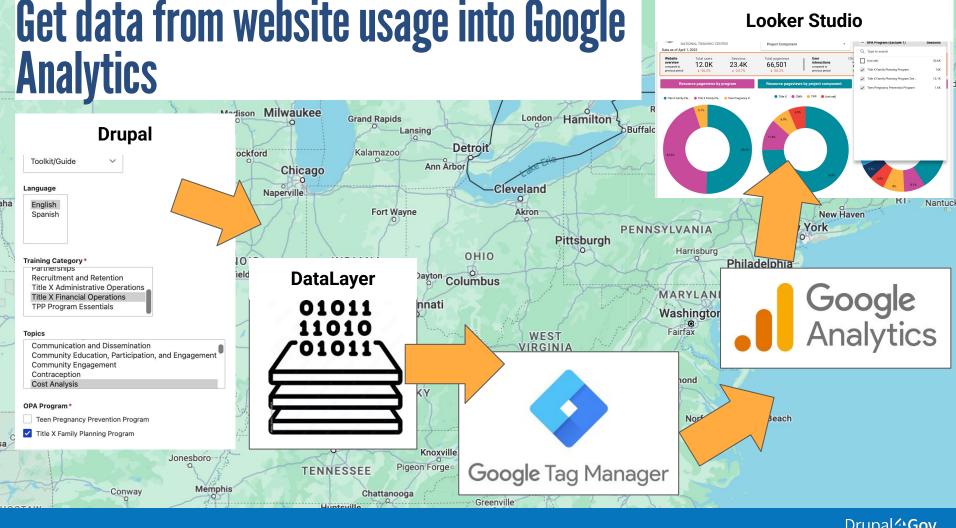
Drupal GovCon 2021!

How we used Google Tag Manager and GA4 to capture this data



How do you get from Point A to Point B?

- Step 1: Define what data you need.
- Step 2: Get the data where you can access it.
- Step 3: Use Google Tag Manager to send data to Google Analytics.
- Step 4: Make it accessible through a dashboard.

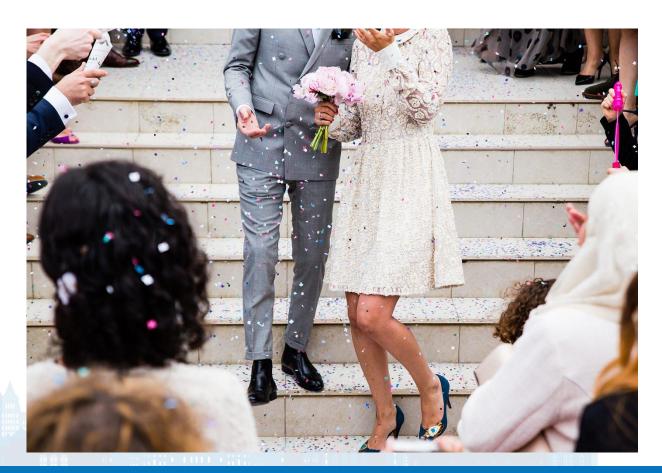


Step 1: What data do you need to answer stakeholder questions?



Track details about the event

- Number of guests
- Type venue
- Food
- Date
- Type of flowers
- Centerpieces
- Seating arrangements



To put this in Google Analytics speak....

Wedding

- Number of guests
- Type venue
- Food
- Date
- Type of flowers
- Centerpieces
- Seating arrangements

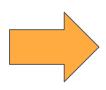
Event: The action you want to track

Parameters: additional details about that action

Stakeholder question

What parameters do you need to track.

What content topics are readers most interested in?



Page topic

Which articles published in 2024 are the most popular?



Page publish date

Drupal4:Gov



Do you have the data you need in Drupal?

Step 2: Surface this metadata in the datalayer.



CMS



Datalayer



Drupal™

Download & Extend

Drupal Core Distributions

For this project, we used the dataLayer module

dataLayer

View

Version control

Automated testing

Get content/entity/user data from inside Drupal to the client-side/front-end.

Outputs various CMS page meta data (like content type, author uid, taxonomy terms), which can be used for all kinds of front-end features. This works for all entity types and is easy to extend with hooks.



Documentation in the README

Often used for Google Tag Manager.

The "dataLayer" is just a front-end standard for passing info around, for example allowing your server-side to inform javascript behaviors. It enables plenty of 3rd party services (like Google Tag Manager) to access web application data. Regardless, you should use this juicy data to implement super-awesome-great client-side features, like... anonymous user tracking, etc.



Maintainers eojthebrave lesleyfernand es bighappyface es

Step 3: Use Google Tag Manager to send data to Google Analytics



GOOGLE **ANALYTICS**

GOOGLE TAG MANAGER





Google Analytics
"What"

Data | Insights



Google Tag Manager
"How"

Add and remove tracking

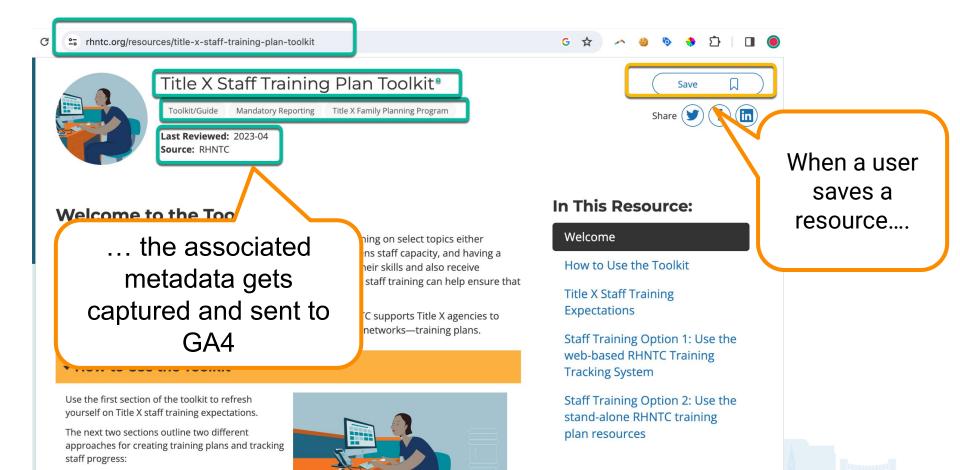
Trigger: The Cause

'On Sunday at 9pm,

stream the new episode

of White Lotus."





The DUNTC website allows users with a special

Tracking System.

1. Option 1: Use the web-based RHNTC Training

Every time a user saves a resource, GTM sends additional data to Google **Analytics.**

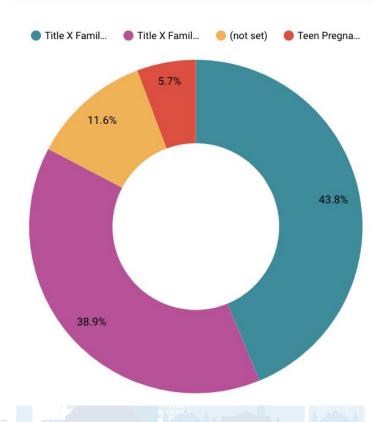
```
{parameter: "page_type"},
                    parameter: "page title",
                    parameterValue: "Completing an Abbreviated Cost Analysis Toolkit" +
                                    "| Reproductive Health National Training Center"
                  },
                    parameter: "opa_program",
                    parameterValue: "Title X Family Planning Program"
                    parameter: "resource purpose",
eventSettingsTable
                    parameterValue: "Support Implementation"
                  {parameter: "resource_type", parameterValue: "Toolkit/Guide"},
                  {parameter: "page_topic_1", parameterValue: "Cost Analysis"},
                  {parameter: "page topic 2"},
                  {parameter: "page_topic_3"},
                    parameter: "page_category_1",
                    parameterValue: "Title X Financial Operations"
                  {parameter: "page_category_2"},
                  parameter: "project component", parameterValue: "Title X"}
```

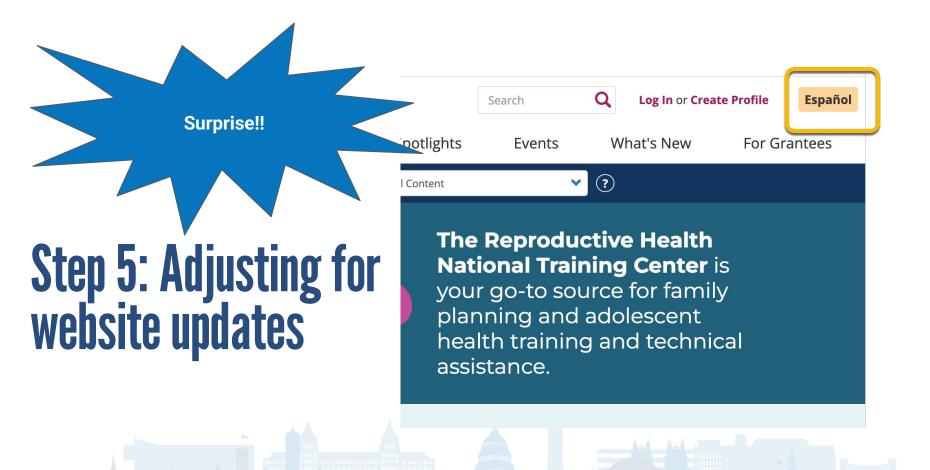
Event Name

"save_content"

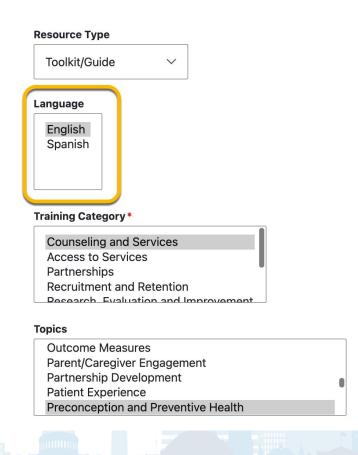
Step 4: Pull Google Analytics data into a user-friendly dashboard

Resource pageviews by program





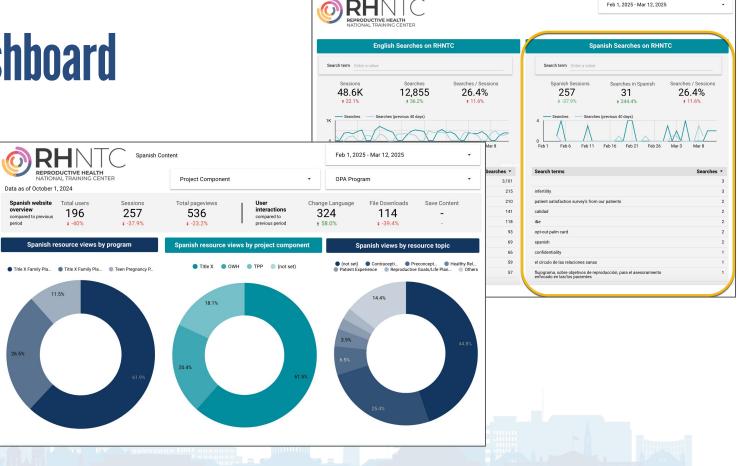
Add new CMS fields to the datalayer



Adjust GTM and Google Analytics 4 tag

```
{parameter: "content_type", parameterValue: "resource_cta"},
                                        parameter: "item_id",
                                        parameterValue: "https://rhntc.org/es/register?source_entity_type" +
                                                         "=node&source entity id=347"
                                       {parameter: "link_text", parameterValue: "Inscribirse en el curso"},
                                        parameter: "opa program",
                                        parameterValue: "Title X Family Planning Program"
                                      {parameter: "resource_purpose", parameterValue: "Build Skills"},
                                       {parameter: "resource_type", parameterValue: "eLearning"},
                                        parameter: "page_topic_1",
                                        parameterValue: "Achieving Pregnancy and Infertility"
eventSettingsTable
                                       {parameter: "page topic 2"}.
                                       {parameter: "page_topic_3"},
                                        parameter: "page_category_1",
                                        parameterValue: "Counseling and Services"
                                      {parameter: "page_category_2"},
                                        parameter: "intended audience",
                                        parameterValue: "Health Educator/Counselor/Medical Assistant, Mana" +
                                                         "ger/Administrator/Coordinator, Clinical Provider/" +
                                      {parameter: "language setting", parameterValue: "es"},
Include user-provided data from your website false
                                    "select content"
Event Name
```

Add to dashboard



Just because we now have the data, doesn't mean we can use it

Now what? How do we actually see this data?

Getting data out of GA4 is tough. Make it easier.

- For GA4, Google removed many of the standard reports.
- Especially an issue when trying to pull data about specific events/parameters.
- Google's LookerStudio is a free alternative to Tableau.
 - o Looker Studio is free, but requires customization
 - Tableau is more powerful, but requires \$\$ licenses

Drupal4:Gov





Project Component

Jan 1, 2025 - Mar 25, 2025

Page title: Putting the QFP into Practice Series Toolkit | Reproductive Health National Training Center

(1) -

Toolkit Usage

Views 926.0 Engaged Reads 389

% Engaged Reads 42%

User interactions

Supportive Resources 570.0 ± 4.0%

Downloads

Saves Shares

₹ -50.0%

Supportive resources clicked

ink Clicked	С	licks
nttps://rhntc.org/resources/introduction-quality-family-planning- ecommendations-elearning		142
https://rhntc.org/resources/introduction-reproductive-anatomy-and-physiology- learning		66
ttps://rhntc.org/resources/determining-your-clients-need-services-and- liscussing-reproductive-goals		48
https://rhntc.org/resources/sexually-transmitted-infections-services-elearning		39
ttps://rhntc.org/resources/contraceptive-methods-and-guidelines-their-use- learning		31
https://rhntc.org/resources/pregnancy-testing-and-counseling-elearning		30
https://rhntc.org/resources/support-achieving-healthy-pregnancy-elearning		28
ttps://rhntc.org/resources/client-centered-reproductive-goals-and-counseling-low-chart		26
https://rhntc.org/resources/clinical-pathway-family-planning-services-chart		24
https://rhntc.org/resources/family-planning-and-related-preventive-health- dervices-checklists-women-		24

Click on toolkit right nav

Navigation item	Clicks
howto	16
contraceptivecounselingeducation	14
introqfp	1:
navbar	10
reproanatomyphys	10
supportachievingpregnancy	1.0
pregtestcounseling	
determiningneed	8
stdservies	



Streamlining our reports back to our funder

How we operationalize the data:

- Automatic monthly report to all team members
- Review workflows for different teams

How we use the data:

- Showing our project reach and demand for content
- Monthly, mid-year, and annual reporting
- Search term analysis
- Updating existing resources
- Creating new resources



Key players



Content Owner

Knows what questions we need to answer about the content and what metadata is available.



Analytics/Data Manager

Understands how to use Google Tag Manager, Google Analytics and dashboard tools.

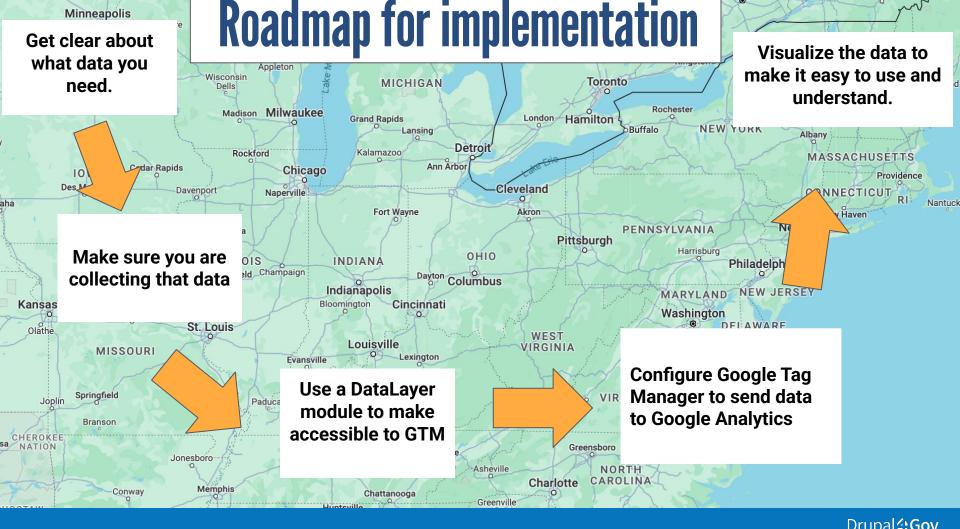
Can translate stakeholder questions into data requirements.



Developer

Helps with cleaning and formatting data.

Google Tag Manager uses Javascript.



My Favorite GA4 and Tag Manager Resources

- I'm teaching a virtual GA4 class starting April 8 at <u>Center for Digital Strategy</u>
- All things GTM (very technical): https://simoahava.com/
- Good series of YouTube videos: https://www.youtube.com/@AnalyticsMania
- Detailed to guides to many GA4 topics
- How to track forms with GTM. This article is so helpful



Questions? Thank you!



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