Ten years securing cloud transformation in Hollywood



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Currently:

Senior Advisor for Media, Entertainment and Gaming

Former:

Senior Cloud Specialist, Media & Entertainment @ Google Senior Cloud Architect @ Microsoft Systems Architect @ OmnicomMediaGroup

Recent favorites:

Dream Scenario, Civil War, Rumours

My personal GOATs:

Fellini, Coen Brothers, Spielberg

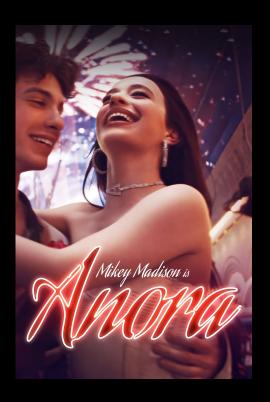






"Powerful and moving"

"Deeply insightful"



"★★★★★"

"A sure-fire winner"

"Astonishing"

"Heartbreaking and simple"

AI WTF??



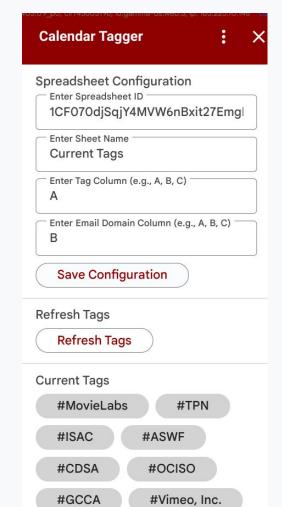
Al is an interface for your data





Add-on Development

- From concept to completed add-on in just 4 days.
- Zero prior knowledge of Google Apps Script, limited documentation available on the web.
- Inspired by the "write better code" post by Max Woolf: https://minimaxir.com/2025/01/write-better-code/



Code Refactoring

Can you clean up this query?

I only need it to show accounts where the customer_parent_industry matches 'Telecommunications, Media & Gaming'. Please optimize it so it runs more efficiently, and document thoroughly any changes you make so I can understand.

Also be sure to add comments into the code.

```
url_or_path = 'https://docs.google.com/spreadsheets/d/1POIOC8V5Xsanra6UoVn8biXrw904JxUIXQ3Van5r_as/edit?resourcekey=0-85Qx
 header = TRUE
 worksheet = 'Sheet2'
 overwrite_worksheet = TRUE.
  order_by = 'request_created_date DESC'
  request_title
 request_id,
 request_created_date
 request status
 email as request_owner. -- Corrected: Use the alias from the 'requests' CTE
 customer_name,
 customer_industry
 customer_sub_industry.
 customer region.
  request_type_tier1
 request_is_AI,
 request workshop
 requestor.
  field_survey_sent,
  customer_survey_sent
 customer_survey_link,
 customer survey link obfuscated
 internal survey link.
 internal_survey_link_obfuscated,
 customer_parent_name
 customer_parent_is_targeted,
 customer parent id
 opportunity_name
  opportunity_status
//Get all Enterprise Trust Navigate ERs
requests AS (
   SELECT
     id AS request_id.
     name AS request title.
      expert_team__c AS request_team,
     DATE(TIMESTAMP_MILLIS(sfdc_created_date)) AS request_created_date,
     EXTRACT(YFAR FROM TIMESTAMP_MILLIS(sfdc_created_date)) AS request_year
     sfdc last modified time AS request last modified date.
     sla_missed__c AS request_sla_missed,
      sfdc_created_by_id,
     owner_id.
        -- Legacy Enterprise Trust engagement types
        WHEN regexp_contains(engagement_type__c, 'Trust Support') THEN 'Field Enablement (Compliance)
        WHEN regexp_contains(engagement_type__c, 'Trust Governance & Reviews') THEN 'Security Consultation
        WHEN regexp_contains(engagement_type__c, 'Trust Field Enablement') THEN 'Field Enablement (Compliance)'
        WHEN regexp_contains(engagement_type__c, 'Trust Briefings') THEN 'EBC Support'
        WHEN regexp_contains(engagement_type__c, 'Trust Advisory and Collaborations') THEN 'Customer Workshops / Modules'
         -Legacy OCISO engagement types
        WHEN regexp_contains(engagement_type__c, 'Account Planning / QBR') THEN 'Internal Advisory Engagement
        WHEN regexp_contains(engagement_type__c, 'Internal - Speaking Engagement') THEN 'Internal Speaking Engagement
        WHEN regexp_contains(engagement_type__c, 'Internal - Advisory Engagement') THEN 'Internal Advisory Engagement
        WHEN regexp_contains(engagement_type__c, 'EBC') THEN 'EBC Support'
        WHEN regexp contains(engagement_type_c, 'Event Speaker') THEN 'External Speaking Event
       WHEN regexp_contains(engagement_type__c, 'Executive Sponsorship') THEN 'OCISO or Executive Sponsorship'
WHEN regexp_contains(engagement_type__c, 'Incident Support') THEN 'Security Consultation'
        WHEN regexp_contains(engagement_type__c, 'Single Engagement') THEN 'Security Consultation
        WHEN regexp_contains(engagement_type__c, 'Security Consultation') THEN 'Security Consultation'
        WHEN regexp_contains(engagement_type_c. 'Product Discovery') THEN 'Internal Advisory Engagement'
        WHEN regexp_contains(engagement_type__c, 'Workshop') THEN 'Customer Workshops / Modules'
        WHEN regexp_contains(engagement_type__c, 'External / Industry - Other Media') THEN 'External Event Support'
         -- Removing prefixes like 'Customer --
        WHEN regexp_contains(engagement_type__c, 'Leadership Engagement') THEN 'Security Consultation
        WHEN regexp_contains(engagement_type__c, 'Group Engagements / Events') THEN 'External Event Support
        WHEN regexp_contains(engagement_type__c, 'Advisory Engagement') THEN 'Advisory Engagement'
        WHEN regexp_contains(engagement_type__c, 'Field Enablement \\((Compliance\\))') THEN 'Field Enablement (Compliance)
        WHEN regexp_contains(engagement_type__c, 'Field Enablement \\(Security\\\)') THEN 'Field Enablement (Security)'
        WHEN regexp_contains(engagement_type__c, 'Speaking Events') THEN 'External Event Support
        WHEN regexp_contains(engagement_type__c, 'OCISO Customer Advocacy Program Events') THEN 'External Event Support
       WHEN regexp_contains(engagement_type_c, 'Regulatory Engagements') THEN 'External Event Support'
     ELSE engagement_type__c
```

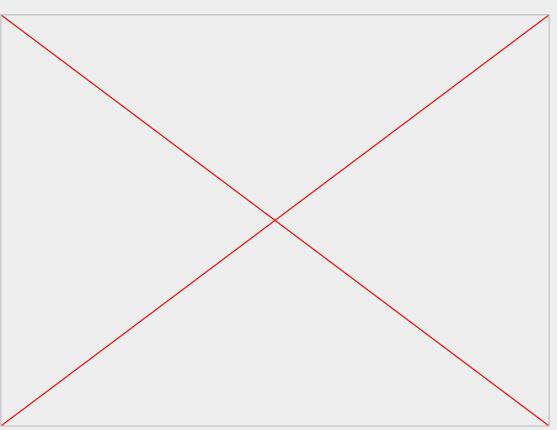
Okay, I've cleaned up and optimized your query. Here's the improved version, along with detailed explanations and comments: EXPORT DATA OPTIONS(

- header = TRUE,
- url_or_path = 'gs://[YOUR_BUCKET_NAME]/[YOUR_FOLDER]/telecom_media_gaming_account overwrite = TRUE -- Changed to overwrite at the file level, rather than worksheet) AS
- active commits AS (SELECT reporting_id AS customer_parent_id,
 - SUM(tcv) AS customer_parent_total_tcv, SUM(acv) AS customer_parent_total_acv

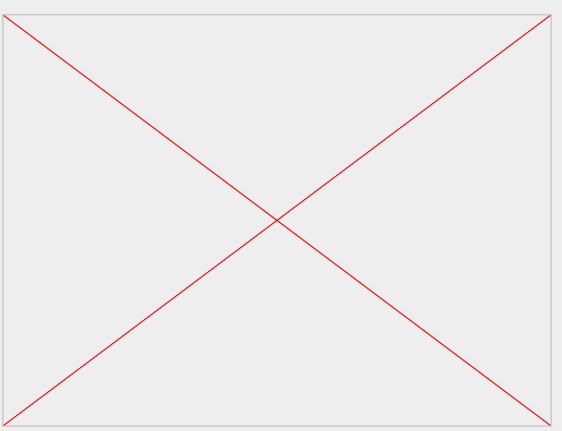
- 1. Filtering Early for Telecommunications, Media & Gaming:
 - Moved the WHERE customer_parent_industry = 'Telecommunications, Media & Gaming' clause into the new priority accounts CTE. This is a crucial optimization. By filtering early, we significantly reduce the number of rows processed in subsequent joins and calculations. This is much more efficient than filtering at the end.
- 2. Simplified CTEs and Reduced UNION ALL Operations:
 - Combined big tov customer and big gov customer CTEs into a single active commits CTE to calculate customer parent total tov and
 - customer parent total acv in one step, reducing redundant code and table scans.
 - Simplified logic for determining customer parent big acv and moved the complex CASE statement into the main query to avoid repeated calculations in a separate CTE.
- Removed the large UNION ALL section in the original query used to define priority accounts. The logic is now integrated into the priority accounts CTE using OR conditions based on segment, GSI status, TCV, and ACV thresholds. This greatly simplifies the query and improves readability.



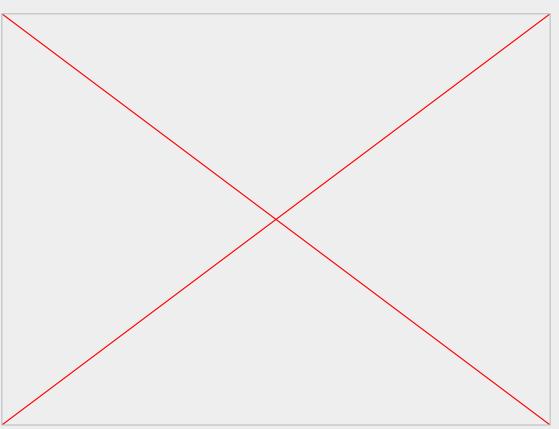
Before 2005

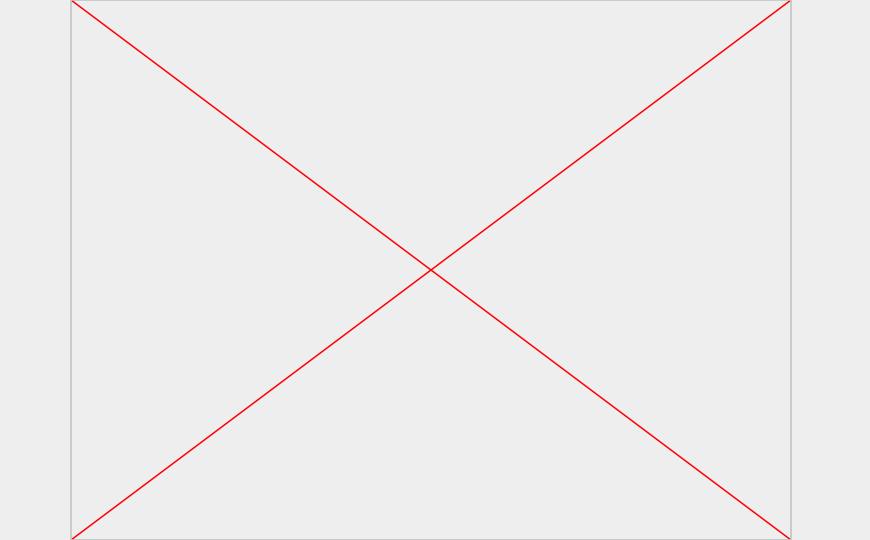


In 2025



After 2025?







Why? Meet M-Trends

- 16th edition of the annual thought leadership report authored by a dedicated team of experts
- Detailed insights into key security metrics from over 450K hours of incident response (IR) engagements.
- Mandiant IR investigations, service engagements, and threat intelligence analysis between
 Jan. 1, 2024 - Dec. 31, 2024



Global Median Dwell Time

Adversary notifications originate from extortion actors who benefit from monetizing intrusions quickly.

Median Dwell Time in days, 2011-2024

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
All	416	243	229	205	146	99	101	78	56	24	21	16	10	11

Median Dwell Time by Detection Source, 2024

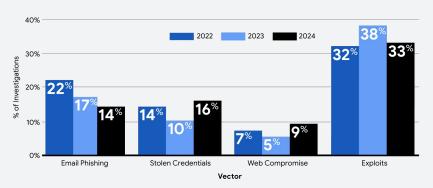
	2024
All	11
Adversary	5
External Entity	26
Internal	10

Initial Infection Vector

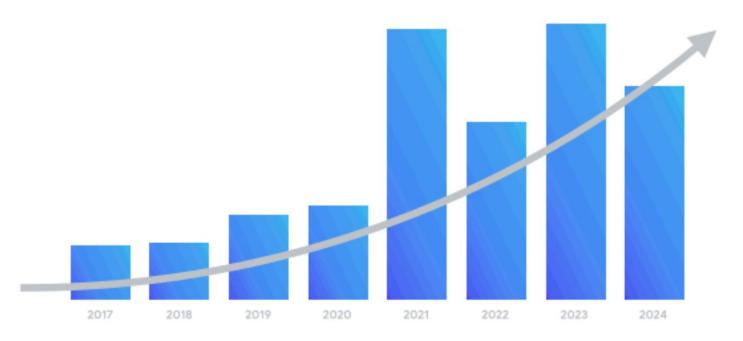
The continued prevalence of phishing and credential theft underscores the importance of implementing MFA, preferably FIDO2-compliant MFA methods.



Phishing Declines as an Initial Infection Vector, 2022-2024



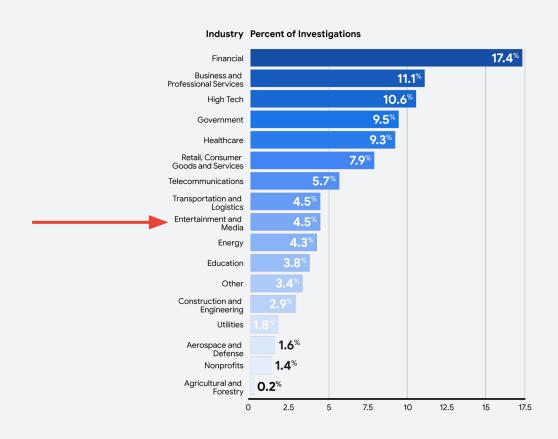
Zero day exploits trending up



Zero day exploits per year

Increasing impacting a wide range of technologies

Targeted Industries



Where we are, where we're going





Manual

Humans cyclically and routinely execute tasks

Assisted

Al boosts productivity by generating summaries, recommendations, etc.



Semi-autonomous

Al agents drives most tasks consistently well, delegating tasks it can't automate



Autonomous

Al drives the security lifecycle to positive outcomes on behalf of users

Meet our Gemini in Security agents

Alert triage agent

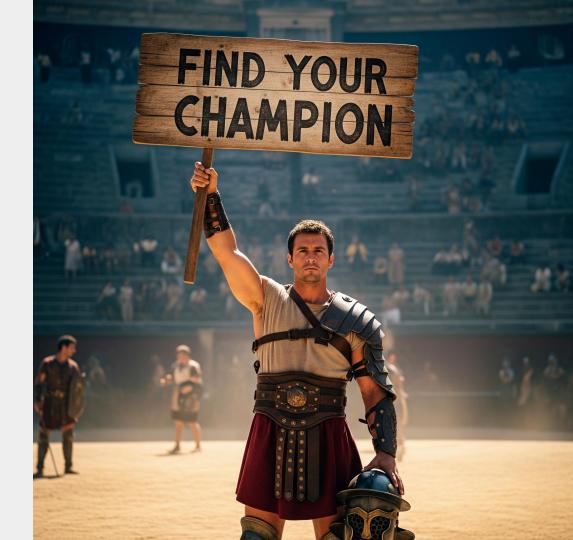
Google SecOps

Malware analysis agent

Google Threat Intelligence



Step One

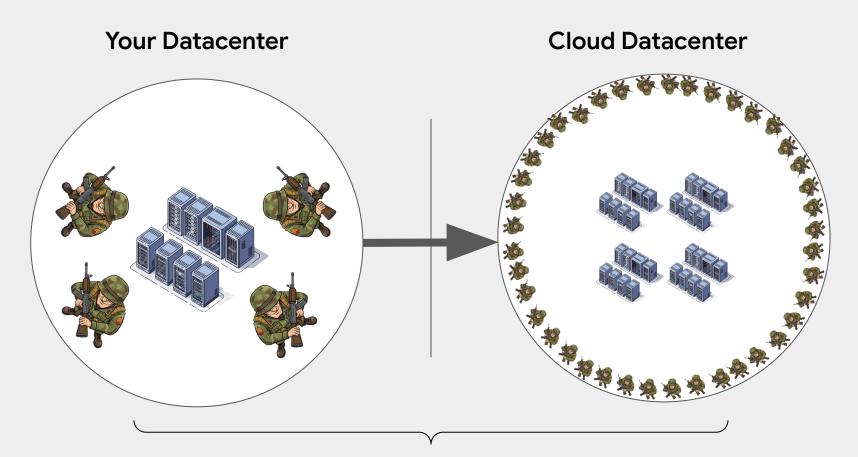


Step Two



Step Three





Shared Responsibility

Shared Fate







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Thank you



