1. **Orphan Datasources – Data Sources that has no Connected workbook**

SELECT

ds.id as "Datasource Id", ds.name as "Datasource Name",

case when ds.data\_engine\_extracts = 'True' then 'extract' else 'live' end as datasource\_type, ds.created\_at as "Created As",

case when ds.data\_engine\_extracts = 'true' then coalesce(ds.extracts\_refreshed\_at,ds.created\_at)

/\*when ds.data\_engine\_extracts = 'false' then coalesce(ds.extracts\_refreshed\_at,to\_timestamp('live','DD-MM-YY hh24:mi:ss')::timestamp without time zone)\*/

else ds.extracts\_refreshed\_at end as "Extracts Refreshed At",

/\*ds.extracts\_refreshed\_at,\*/

ds.updated\_at as "Updated At",

/\*ds.data\_engine\_extracts,\*/ coalesce(dst.last\_access\_time,ds.updated\_at) as "Last Access Time", p.name as "Project Name",

s.name as "Site Name", u.friendly\_name as "Owner Name", nb\_connected\_workbooks

FROM public.datasources ds left JOIN (

SELECT dbname, site\_id,

count(id) as nb\_connected\_workbooks

FROM public.data\_connections

WHERE owner\_type = 'Workbook' and dbclass = 'sqlproxy'

GROUP BY dbname, site\_id

) dc ON ds.repository\_url = dc.dbname AND ds.site\_id = dc.site\_id

JOIN public.projects p ON ds.project\_id = p.id

JOIN public.sites s ON ds.site\_id = s.id

JOIN \_users u on ds.owner\_id = u.id

left join \_datasources\_stats dst on dst.datasource\_id = ds.id

WHERE ds.parent\_workbook\_id is null and nb\_connected\_workbooks is null order by s.name

1. **Group Information – Information of all the user with their site roles**

SELECT \_system\_users.name, \_system\_users.friendly\_name, \_users.licensing\_role\_id,

\_users.licensing\_role\_name, users.publisher\_tristate, \_sites.name as Site, CASE

WHEN users.admin\_level = 5 then 'Site Administrator'

WHEN \_system\_users.admin\_level = 10 then 'Server Administrator'

WHEN \_users.licensing\_role\_name = 'Viewer' and users.publisher\_tristate = 2 then 'Viewer

(can publish)'

WHEN \_users.licensing\_role\_name = 'Unlicensed' and users.publisher\_tristate = 2 then

'Unlicensed (can publish)'

WHEN users.publisher\_tristate = 1 then 'publisher (Implicit)' WHEN users.publisher\_tristate = 2 then 'Publisher'

else \_users.licensing\_role\_name

END as CorrectRoles

FROM \_users

LEFT JOIN \_system\_users

ON \_users.system\_user\_id = \_system\_users.id

LEFT JOIN \_sites

ON \_users.site\_id = \_sites.id

INNER JOIN users

ON \_users.id = users.id

ORDER BY \_system\_users.friendly\_name

1. **User Activity & Workbook activity - How many views per users on particular workbook**

SELECT "historical\_events"."id" AS "id", "historical\_events"."historical\_event\_type\_id" AS "historical\_event\_type\_id", CAST("historical\_events"."worker" AS TEXT) AS "worker", "historical\_events"."duration\_in\_ms" AS "duration\_in\_ms", "historical\_events"."is\_failure" AS "is\_failure", CAST("historical\_events"."details" AS TEXT) AS "details", "historical\_events"."created\_at" AS "created\_at", "historical\_events"."hist\_actor\_user\_id" AS "hist\_actor\_user\_id", "historical\_events"."hist\_target\_user\_id" AS "hist\_target\_user\_id", "historical\_events"."hist\_actor\_site\_id" AS "hist\_actor\_site\_id", "historical\_events"."hist\_target\_site\_id" AS "hist\_target\_site\_id", "historical\_events"."hist\_project\_id" AS "hist\_project\_id", "historical\_events"."hist\_workbook\_id" AS "hist\_workbook\_id", "historical\_events"."hist\_view\_id" AS "hist\_view\_id", "historical\_events"."hist\_datasource\_id" AS "hist\_datasource\_id", "historical\_events"."hist\_comment\_id" AS "hist\_comment\_id", "historical\_events"."hist\_tag\_id" AS "hist\_tag\_id", "historical\_events"."hist\_group\_id" AS "hist\_group\_id", "historical\_events"."hist\_licensing\_role\_id" AS "hist\_licensing\_role\_id", "historical\_events"."hist\_schedule\_id" AS "hist\_schedule\_id", "historical\_events"."hist\_task\_id" AS "hist\_task\_id", "historical\_events"."hist\_data\_connection\_id" AS "hist\_data\_connection\_id", "historical\_events"."hist\_config\_id" AS "hist\_config\_id", "historical\_events"."hist\_capability\_id" AS "hist\_capability\_id", "hist\_sites"."id" AS "id (hist\_sites)",

"hist\_sites"."site\_id" AS "site\_id",

CAST("hist\_sites"."name" AS TEXT) AS "name (hist\_sites)",

CAST("hist\_sites"."url\_namespace" AS TEXT) AS "url\_namespace", "hist\_users\_actor"."id" AS "id (hist\_users)", "hist\_users\_actor"."user\_id" AS "user\_id", CAST("hist\_users\_actor"."name" AS TEXT) AS "name (hist\_users)",

CAST("hist\_users\_actor"."domain\_name" AS TEXT) AS "domain\_name", CAST("hist\_users\_actor"."email" AS TEXT) AS "email", "hist\_users\_actor"."system\_user\_id" AS "system\_user\_id", "hist\_users\_actor"."system\_admin\_level" AS "system\_admin\_level", "hist\_users\_actor"."hist\_licensing\_role\_id" AS "hist\_licensing\_role\_id (hist\_users)", "hist\_users\_actor"."site\_admin\_level" AS "site\_admin\_level", "hist\_users\_actor"."publisher\_tristate" AS "publisher\_tristate", "hist\_users\_actor"."site\_role\_id" AS "site\_role\_id",

"hist\_workbooks"."id" AS "id (hist\_workbooks)", "hist\_workbooks"."workbook\_id" AS "workbook\_id", CAST("hist\_workbooks"."name" AS TEXT) AS "name (hist\_workbooks)",

CAST("hist\_workbooks"."repository\_url" AS TEXT) AS "repository\_url (hist\_workbooks)", "hist\_workbooks"."size" AS "size (hist\_workbooks)",

CAST("hist\_workbooks"."revision" AS TEXT) AS "revision (hist\_workbooks)", "historical\_event\_types"."type\_id" AS "type\_id",

CAST("historical\_event\_types"."name" AS TEXT) AS "name (historical\_event\_types)", CAST("historical\_event\_types"."action\_type" AS TEXT) AS "action\_type",

"\_users"."id" AS "id (\_users)", "\_users"."name" AS "name", "\_users"."login\_at" AS "login\_at", "\_users"."friendly\_name" AS "friendly\_name",

"\_users"."licensing\_role\_id" AS "licensing\_role\_id", "\_users"."licensing\_role\_name" AS "licensing\_role\_name", "\_users"."domain\_id" AS "domain\_id", "\_users"."system\_user\_id" AS "system\_user\_id (\_users)", "\_users"."domain\_name" AS "domain\_name (\_users)",

"\_users"."domain\_short\_name" AS "domain\_short\_name", "\_users"."site\_id" AS "site\_id (\_users)"

FROM "public"."historical\_events" "historical\_events"

LEFT JOIN "public"."hist\_sites" "hist\_sites" ON ("historical\_events"."hist\_actor\_site\_id" = "hist\_sites"."id")

LEFT JOIN "public"."hist\_users" "hist\_users\_actor" ON ("historical\_events"."hist\_actor\_user\_id" = "hist\_users\_actor"."id")

LEFT JOIN "public"."hist\_workbooks" "hist\_workbooks" ON ("historical\_events"."hist\_workbook\_id" = "hist\_workbooks"."id")

LEFT JOIN "public"."historical\_event\_types" "historical\_event\_types" ON ("historical\_events"."historical\_event\_type\_id" = "historical\_event\_types"."type\_id")

LEFT JOIN "public"."\_users" "\_users" ON ("hist\_users\_actor"."user\_id" = "\_users"."id")

1. **User Subscription – Gives the information about user subscription**

SELECT "Subscription Content"."subscription\_id" AS "subscription\_id",

CAST("Subscription Content"."subscription\_type" AS TEXT) AS "subscription\_type", "Subscription Content"."item\_id" AS "item\_id",

CAST("Subscription Content"."repository\_url" AS TEXT) AS "repository\_url", "Subscription Content"."name" AS "name",

"Subscription Content"."workbook\_id" AS "workbook\_id", "Subscription Content"."created\_at" AS "created\_at", "Subscription Content"."updated\_at" AS "updated\_at",

CAST("Subscription Content"."description" AS TEXT) AS "description",

"Subscription Content"."customized\_view\_creator\_id" AS "customized\_view\_creator\_id", "Subscription Content"."customized\_view\_creator\_sysname" AS

"customized\_view\_creator\_sysname",

"Subscription Content"."customized\_view\_creator\_friendly\_name" AS "customized\_view\_creator\_friendly\_name",

"Subscription Content"."customized\_view\_creator\_email" AS "customized\_view\_creator\_email",

"Subscription Content"."view\_id" AS "view\_id",

"Subscription Content"."view\_published" AS "view\_published",

"Subscription Content"."view\_index" AS "view\_index", CAST("Subscription Content"."view\_fields" AS TEXT) AS "view\_fields", CAST("Subscription Content"."view\_title" AS TEXT) AS "view\_title", CAST("Subscription Content"."view\_caption" AS TEXT) AS "view\_caption", "Subscription Content"."view\_sheet\_id" AS "view\_sheet\_id",

"Subscription Content"."view\_state" AS "view\_state", "Subscription Content"."view\_sheettype" AS "view\_sheettype",

"Subscription Content"."view\_first\_published\_at" AS "view\_first\_published\_at", "Subscription Content"."view\_for\_cache\_updated\_at" AS "view\_for\_cache\_updated\_at", "Subscription"."id" AS "id (subscriptions)",

CAST("Subscription"."subject" AS TEXT) AS "subject", "Subscription"."user\_id" AS "user\_id", "Subscription"."schedule\_id" AS "schedule\_id", "Subscription"."last\_sent" AS "last\_sent", "Subscription"."site\_id" AS "site\_id (Subscription)", "Subscription"."luid" AS "luid (Subscription)", "Subscription"."creator\_id" AS "creator\_id (Subscription)", "Subscription"."data\_condition\_type" AS "data\_condition\_type", "Subscription"."data\_condition" AS "data\_condition",

"Subscription"."is\_refresh\_extract\_triggered" AS "is\_refresh\_extract\_triggered", "Subscription"."data\_specification" AS "data\_specification", "Subscription"."created\_at" AS "created\_at (Subscription)", "Subscription"."subscription\_message\_id" AS "subscription\_message\_id", "Schedule"."id" AS "id (schedules)",

"Schedule"."name" AS "name (schedules)", "Schedule"."active" AS "active", "Schedule"."priority" AS "priority", "Schedule"."schedule\_type" AS "schedule\_type",

"Schedule"."day\_of\_week\_mask" AS "day\_of\_week\_mask", "Schedule"."day\_of\_month\_mask" AS "day\_of\_month\_mask",

"Schedule"."start\_at\_minute" AS "start\_at\_minute", "Schedule"."minute\_interval" AS "minute\_interval", "Schedule"."end\_at\_minute" AS "end\_at\_minute", "Schedule"."end\_schedule\_at" AS "end\_schedule\_at", "Schedule"."run\_next\_at" AS "run\_next\_at", "Schedule"."created\_at" AS "created\_at (schedules)", "Schedule"."updated\_at" AS "updated\_at (schedules)", "Schedule"."hidden" AS "hidden", "Schedule"."serial\_collection\_id" AS "serial\_collection\_id", "Schedule"."lock\_version" AS "lock\_version (schedules)", "Schedule"."scheduled\_action" AS "scheduled\_action", "Schedule"."luid" AS "luid (Schedule)", "Schedule"."defined\_by" AS "defined\_by", CAST("Schedule"."timezoneid" AS TEXT) AS "timezoneid",

"subscriptions\_customized\_views"."id" AS "id (subscriptions\_customized\_views)",

"subscriptions\_customized\_views"."subscription\_id" AS "subscription\_id

(subscriptions\_customized\_views)", "subscriptions\_customized\_views"."customized\_view\_id" AS "customized\_view\_id", "customized\_views"."id" AS "id (customized\_views)",

"customized\_views"."name" AS "name (customized\_views)", CAST("customized\_views"."description" AS TEXT) AS "description (customized\_views)", "customized\_views"."view\_id" AS "view\_id (customized\_views)", "customized\_views"."repository\_url" AS "repository\_url (customized\_views)", "customized\_views"."created\_at" AS "created\_at (customized\_views)", "customized\_views"."updated\_at" AS "updated\_at (customized\_views)", "customized\_views"."creator\_id" AS "creator\_id",

"customized\_views"."public" AS "public", "customized\_views"."size" AS "size", "customized\_views"."site\_id" AS "site\_id (customized\_views)",

"customized\_views"."repository\_data\_id" AS "repository\_data\_id",

"customized\_views"."repository\_thumbnail\_data\_id" AS "repository\_thumbnail\_data\_id", "customized\_views"."url\_id" AS "url\_id",

"customized\_views"."start\_view\_id" AS "start\_view\_id", "customized\_views"."luid" AS "luid (customized\_views)", "customized\_views"."data\_id" AS "data\_id", "customized\_views"."thumbnail\_id" AS "thumbnail\_id", "workbooks"."id" AS "id (workbooks)", "workbooks"."name" AS "name (workbooks)",

CAST("workbooks"."repository\_url" AS TEXT) AS "repository\_url (workbooks)", CAST("workbooks"."description" AS TEXT) AS "description (workbooks)", "workbooks"."created\_at" AS "created\_at (workbooks)", "workbooks"."updated\_at" AS "updated\_at (workbooks)", "workbooks"."owner\_id" AS "owner\_id",

"workbooks"."project\_id" AS "project\_id", "workbooks"."view\_count" AS "view\_count", "workbooks"."size" AS "size (workbooks)", CAST("workbooks"."embedded" AS TEXT) AS "embedded", "workbooks"."thumb\_user" AS "thumb\_user",

"workbooks"."refreshable\_extracts" AS "refreshable\_extracts", "workbooks"."extracts\_refreshed\_at" AS "extracts\_refreshed\_at", "workbooks"."lock\_version" AS "lock\_version", "workbooks"."state" AS "state (workbooks)", "workbooks"."version" AS "version",

"workbooks"."checksum" AS "checksum", "workbooks"."display\_tabs" AS "display\_tabs", "workbooks"."data\_engine\_extracts" AS "data\_engine\_extracts", "workbooks"."incrementable\_extracts" AS "incrementable\_extracts", "workbooks"."site\_id" AS "site\_id (workbooks)", "workbooks"."revision" AS "revision",

"workbooks"."repository\_data\_id" AS "repository\_data\_id (workbooks)",

"workbooks"."repository\_extract\_data\_id" AS "repository\_extract\_data\_id", "workbooks"."first\_published\_at" AS "first\_published\_at", "workbooks"."primary\_content\_url" AS "primary\_content\_url", "workbooks"."share\_description" AS "share\_description", "workbooks"."show\_toolbar" AS "show\_toolbar", "workbooks"."extracts\_incremented\_at" AS "extracts\_incremented\_at", "workbooks"."default\_view\_index" AS "default\_view\_index", "workbooks"."luid" AS "luid (workbooks)",

"workbooks"."asset\_key\_id" AS "asset\_key\_id (workbooks)", "workbooks"."document\_version" AS "document\_version", "workbooks"."content\_version" AS "content\_version", "workbooks"."last\_published\_at" AS "last\_published\_at", "workbooks"."data\_id" AS "data\_id (workbooks)", "workbooks"."reduced\_data\_id" AS "reduced\_data\_id", "workbooks"."published\_all\_sheets" AS "published\_all\_sheets", "sites"."id" AS "id (sites)",

"sites"."name" AS "name (sites)", "sites"."url\_namespace" AS "url\_namespace", "sites"."status" AS "status",

"sites"."created\_at" AS "created\_at (sites)", "sites"."updated\_at" AS "updated\_at (sites)", "sites"."user\_quota" AS "user\_quota", "sites"."content\_admin\_mode" AS "content\_admin\_mode", "sites"."storage\_quota" AS "storage\_quota", "sites"."metrics\_level" AS "metrics\_level", "sites"."status\_reason" AS "status\_reason", "sites"."subscriptions\_enabled" AS "subscriptions\_enabled",

CAST("sites"."custom\_subscription\_footer" AS TEXT) AS "custom\_subscription\_footer", CAST("sites"."custom\_subscription\_email" AS TEXT) AS "custom\_subscription\_email", "sites"."luid" AS "luid (sites)",

"sites"."query\_limit" AS "query\_limit", "sites"."authoring\_disabled" AS "authoring\_disabled", "sites"."sheet\_image\_enabled" AS "sheet\_image\_enabled", "sites"."refresh\_token\_setting" AS "refresh\_token\_setting", "sites"."version\_history\_enabled" AS "version\_history\_enabled", "sites"."notification\_enabled" AS "notification\_enabled", "sites"."content\_version\_limit" AS "content\_version\_limit", "sites"."subscribe\_others\_enabled" AS "subscribe\_others\_enabled", "sites"."lock\_version" AS "lock\_version (sites)", "sites"."guest\_access\_enabled" AS "guest\_access\_enabled", "sites"."support\_access\_enabled" AS "support\_access\_enabled", "sites"."cache\_warmup\_enabled" AS "cache\_warmup\_enabled", "sites"."cache\_warmup\_threshold" AS "cache\_warmup\_threshold", "sites"."data\_alerts\_enabled" AS "data\_alerts\_enabled", "sites"."allow\_live\_query\_sync" AS "allow\_live\_query\_sync", "sites"."commenting\_enabled" AS "commenting\_enabled",

"sites"."self\_service\_schedules\_enabled" AS "self\_service\_schedules\_enabled", "sites"."tier\_interactor\_capacity" AS "tier\_interactor\_capacity", "sites"."tier\_basic\_user\_capacity" AS "tier\_basic\_user\_capacity", "sites"."tier\_author\_capacity" AS "tier\_author\_capacity", "sites"."viz\_in\_tooltip\_enabled" AS "viz\_in\_tooltip\_enabled",

"users"."id" AS "id", "users"."login\_at" AS "login\_at", "users"."nonce" AS "nonce", "users"."row\_limit" AS "row\_limit", "users"."storage\_limit" AS "storage\_limit", "users"."created\_at" AS "created\_at (users)",

"users"."extracts\_required" AS "extracts\_required", "users"."updated\_at" AS "updated\_at (users)", "users"."raw\_data\_suppressor\_tristate" AS "raw\_data\_suppressor\_tristate",

"users"."site\_id" AS "site\_id", "users"."system\_user\_id" AS "system\_user\_id", "users"."system\_admin\_auto" AS "system\_admin\_auto", "users"."luid" AS "luid",

"users"."lock\_version" AS "lock\_version (users)", "users"."site\_role\_id" AS "site\_role\_id", "\_users"."id" AS "id (\_users)",

"\_users"."name" AS "name (\_users)", "\_users"."login\_at" AS "login\_at (\_users)", "\_users"."friendly\_name" AS "friendly\_name (\_users)", "\_users"."licensing\_role\_id" AS "licensing\_role\_id (\_users)", "\_users"."licensing\_role\_name" AS "licensing\_role\_name", "\_users"."domain\_id" AS "domain\_id (\_users)", "\_users"."system\_user\_id" AS "system\_user\_id (\_users)", "\_users"."domain\_name" AS "domain\_name", "\_users"."domain\_short\_name" AS "domain\_short\_name", "\_users"."site\_id" AS "site\_id (\_users)",

"\_sites"."id" AS "id (\_sites)", "\_sites"."name" AS "name (\_sites)", "\_sites"."url\_namespace" AS "url\_namespace (\_sites)", "\_sites"."status" AS "status (\_sites)"

FROM (SELECT

scv.subscription\_id AS subscription\_id ,

'Customized View' AS subscription\_type , cv.id AS item\_id ,

v.repository\_url AS repository\_url , cv.name ,

v.id AS workbook\_id , cv.created\_at ,

cv.updated\_at ,

NULL AS description ,

cv.creator\_id AS customized\_view\_creator\_id , su.name AS customized\_view\_creator\_sysname , su.friendly\_name AS customized\_view\_creator\_friendly\_name , su.email AS customized\_view\_creator\_email ,

-- View fields

v.id AS view\_id ,

v.published AS view\_published , v.index AS view\_index , v.fields AS view\_fields ,

v.title AS view\_title , v.caption AS view\_caption , v.sheet\_id AS view\_sheet\_id , v.state AS view\_state , v.sheettype AS view\_sheettype ,

v.first\_published\_at AS view\_first\_published\_at , v.for\_cache\_updated\_at AS view\_for\_cache\_updated\_at

FROM subscriptions\_customized\_views scv

INNER JOIN customized\_views cv

ON scv.customized\_view\_id = cv.id

INNER JOIN views v

ON cv.view\_id = v.id

INNER JOIN users u

ON cv.creator\_id = u.id

INNER JOIN system\_users su

ON u.system\_user\_id = su.id

UNION SELECT

sw.subscription\_id AS subscription\_id ,

'Workbook' AS subscription\_type , w.id AS item\_id , w.repository\_url AS repository\_url , w.name ,

w.id AS workbook\_id , w.created\_at ,

w.updated\_at , w.description ,

NULL AS customized\_view\_creator\_id ,

NULL AS customized\_view\_creator\_sysname , NULL AS customized\_view\_creator\_friendly\_name , NULL AS customized\_view\_creator\_email ,

-- View fields

NULL AS view\_id ,

NULL AS view\_published , NULL AS view\_index , NULL AS view\_fields , NULL AS view\_title ,

NULL AS view\_caption , NULL AS view\_sheet\_id , NULL AS view\_state , NULL AS view\_sheettype ,

NULL AS view\_first\_published\_at , NULL AS view\_for\_cache\_updated\_at

FROM subscriptions\_workbooks sw

INNER JOIN workbooks w

ON sw.repository\_url = w.repository\_url

UNION

-- Generic fields

sv.subscription\_id AS subscription\_id ,

'View' AS subscription\_type , v.id AS item\_id , v.repository\_url AS repository\_url , v.name ,

v.workbook\_id AS workbook\_id , v.created\_at ,

v.updated\_at , v.description ,

NULL AS customized\_view\_creator\_id ,

NULL AS customized\_view\_creator\_sysname , NULL AS customized\_view\_creator\_friendly\_name , NULL AS customized\_view\_creator\_email ,

-- View fields

v.id AS view\_id ,

v.published AS view\_published , v.index AS view\_index , v.fields AS view\_fields ,

v.title AS view\_title , v.caption AS view\_caption , v.sheet\_id AS view\_sheet\_id , v.state AS view\_state , v.sheettype AS view\_sheettype ,

v.first\_published\_at AS view\_first\_published\_at , v.for\_cache\_updated\_at AS view\_for\_cache\_updated\_at

FROM subscriptions\_views sv

INNER JOIN views v

ON sv.repository\_url = v.repository\_url

) "Subscription Content"

INNER JOIN "public"."subscriptions" "Subscription" ON ("Subscription

Content"."subscription\_id" = "Subscription"."id")

INNER JOIN "public"."schedules" "Schedule" ON ("Subscription"."schedule\_id" = "Schedule"."id")

LEFT JOIN "public"."subscriptions\_customized\_views" "subscriptions\_customized\_views" ON ("Subscription"."id" = "subscriptions\_customized\_views"."id")

LEFT JOIN "public"."customized\_views" "customized\_views" ON ("subscriptions\_customized\_views"."customized\_view\_id" = "customized\_views"."id")

INNER JOIN "public"."workbooks" "workbooks" ON ("Subscription Content"."workbook\_id" = "workbooks"."id")

INNER JOIN "public"."sites" "sites" ON ("workbooks"."site\_id" = "sites"."id") RIGHT JOIN "public"."users" "users" ON ("Subscription"."user\_id" = "users"."id") LEFT JOIN "public"."\_users" "\_users" ON ("users"."id" = "\_users"."id")

LEFT JOIN "public"."\_sites" "\_sites" ON ("users"."site\_id" = "\_sites"."id")

1. **Workbook with zero views – Workbooks which have zero views on it**

SELECT content.id AS "Id" , content.name AS "Name", content.repository\_url AS "Repository URL" , COALESCE(content.view\_workbook\_repository\_url,

content.repository\_url) AS "Root Repository URL" , content.created\_at AS "Created At" , content.updated\_at AS "Updated At" , content.first\_published\_at AS "First Published At" , content.owner\_id AS "Owner Id" ,

content.type AS "Type", content.site\_id AS "Site Id" ,

s.name AS "Site Name" , content.project\_id AS "Project Id" , p.name AS "Project Name" , content.size AS "Size (bytes)" ,

content.refreshable\_extracts AS "Refreshable Extracts" , content.incrementable\_extracts AS "Incrementable Extracts" , content.extracts\_refreshed\_at AS "Extracts Refreshed At" , content.extracts\_incremented\_at AS "Extracts Incremented At" , CASE

WHEN EXISTS (

SELECT 1

FROM tasks t

WHERE t.type IN ('RefreshExtractTask','IncrementExtractTask') AND t.obj\_id = content.id

AND t.obj\_type = content.type

) THEN true

ELSE false

END AS "Extracts Scheduled" , access\_stats.last\_access\_date AS "Last Access Date (180 days)" , coalesce(

access\_stats.access\_count\_last\_10\_days ,

0 ) AS "Access Count (10 days)" , coalesce(

access\_stats.access\_count\_last\_30\_days ,

0 ) AS "Access Count (30 days)" , coalesce(

access\_stats.access\_count\_last\_60\_days ,

0 ) AS "Access Count (60 days)" , coalesce(

access\_stats.access\_count\_last\_90\_days ,

0 ) AS "Access Count (90 days)" , coalesce(

access\_stats.access\_count\_last\_180\_days ,

0 ) AS "Access Count (180 days)" , content.revision AS "Revision" , su\_owner.name AS "Owner System Name" , su\_owner.friendly\_name AS "Owner Name" , su\_owner.email AS "Owner Email" , lr\_owner.name AS "Owner License" ,

-- workbook stuff

workbook\_view\_count AS "Workbook View Count" , workbook\_display\_tabs AS "Workbook Display Tabs" , workbook\_default\_view\_index AS "Workbook Default View Index" , workbook\_show\_toolbar AS "Workbook Show Toolbar" ,

-- datasource stuff

datasource\_db\_class AS "Datasource DB Class" , datasource\_server\_name AS "Datasource Server Name" , datasource\_server\_port AS "Datasource Server Port" , datasource\_db\_name AS "Datasource DB Name" , datasource\_table\_name AS "Datasource Table Name" , datasource\_data\_engine\_extracts AS "Datasource Data Engine Extracts" , datasource\_connectable AS "Datasource Connectable" , datasource\_is\_hierarchical AS "Datasource Is Hierarchical" ,

-- view stuff

view\_locked AS "View Locked" , view\_published AS "View Published" ,

view\_workbook\_id AS "View Workbook Id" , view\_workbook\_name AS "View Workbook Name" , view\_workbook\_repository\_url AS "View Workbook Repository URL" , view\_index AS "View Index" ,

view\_fields AS "View Fields" , view\_title AS "View Title" , view\_caption AS "View Caption" , view\_sheet\_id AS "View Sheet Id" , view\_sheettype AS "View Sheettype" ,

view\_for\_cache\_update\_at AS "View For Cache Update At" FROM

( SELECT

id , name , repository\_url , created\_at , updated\_at , first\_published\_at , owner\_id ,

'Workbook' AS type , site\_id ,

project\_id , size , refreshable\_extracts , incrementable\_extracts , extracts\_refreshed\_at ,

extracts\_incremented\_at , revision ,

-- workbook stuff

view\_count AS workbook\_view\_count , display\_tabs AS workbook\_display\_tabs , default\_view\_index AS workbook\_default\_view\_index , show\_toolbar AS workbook\_show\_toolbar ,

-- datasource stuff

NULL AS datasource\_db\_class , NULL AS datasource\_server\_name , NULL AS datasource\_server\_port , NULL AS datasource\_db\_name , NULL AS datasource\_table\_name ,

NULL AS datasource\_data\_engine\_extracts , NULL AS datasource\_connectable ,

NULL AS datasource\_is\_hierarchical ,

-- view stuff

CAST(NULL AS boolean) AS view\_locked , CAST(NULL AS boolean) AS view\_published , CAST(NULL AS integer) AS view\_workbook\_id , CAST(NULL AS varchar(255)) AS view\_workbook\_name ,

CAST(NULL AS varchar(255)) AS view\_workbook\_repository\_url , CAST(NULL AS integer) AS view\_index ,

NULL AS view\_fields , NULL AS view\_title , NULL AS view\_caption , NULL AS view\_sheet\_id ,

NULL AS view\_sheettype ,

CAST(NULL AS timestamp) AS view\_for\_cache\_update\_at

FROM workbooks w

UNION ALL SELECT

d.id , d.name , d.repository\_url , d.created\_at , d.updated\_at , d.first\_published\_at , d.owner\_id ,

'Datasource' AS type , d.site\_id ,

d.project\_id , d.size , d.refreshable\_extracts , d.incrementable\_extracts , d.extracts\_refreshed\_at , d.extracts\_incremented\_at , d.revision ,

-- workbook-specific columns

NULL AS workbook\_view\_count , NULL AS workbook\_display\_tabs ,

NULL AS workbook\_default\_view\_index , NULL AS workbook\_show\_toolbar ,

-- datasource-specific columns

d.db\_class AS datasource\_db\_class , ds.server AS datasource\_server\_name , ds.port AS datasource\_server\_port , d.db\_name AS datasource\_db\_name ,

d.table\_name AS datasource\_table\_name , d.data\_engine\_extracts AS datasource\_data\_engine\_extracts , d.connectable AS datasource\_connectable , d.is\_hierarchical AS datasource\_is\_hierarchical ,

-- view-specific columns

CAST(NULL AS boolean) AS view\_locked , CAST(NULL AS boolean) AS view\_published , CAST(NULL AS integer) AS view\_workbook\_id , CAST(NULL AS varchar(255)) AS view\_workbook\_name ,

CAST(NULL AS varchar(255)) AS view\_workbook\_repository\_url , CAST(NULL AS integer) AS view\_index ,

NULL AS view\_fields , NULL AS view\_title , NULL AS view\_caption , NULL AS view\_sheet\_id ,

NULL AS view\_sheettype ,

CAST(NULL AS timestamp) AS view\_for\_cache\_update\_at

FROM datasources d

INNER JOIN \_datasources ds

ON d.id = ds.id UNION ALL SELECT

v.id , v.name , v.repository\_url , v.created\_at , v.updated\_at , v.first\_published\_at , v.owner\_id ,

'View' AS type , v.site\_id ,

w\_view.project\_id ,

NULL AS size ,

NULL AS refreshable\_extracts , NULL AS incrementable\_extracts , NULL AS extracts\_refreshed\_at , NULL AS extracts\_incremented\_at , v.revision ,

-- workbook-specific columns

NULL AS workbook\_view\_count , NULL AS workbook\_display\_tabs ,

NULL AS workbook\_default\_view\_index , NULL AS workbook\_show\_toolbar ,

-- datasource-specific columns

NULL AS datasource\_db\_class , NULL AS datasource\_server\_name , NULL AS datasource\_server\_port , NULL AS datasource\_db\_name , NULL AS datasource\_table\_name ,

NULL AS datasource\_data\_engine\_extracts , NULL AS datasource\_connectable ,

NULL AS datasource\_is\_hierarchical ,

-- view-specific columns

CAST(v.locked AS boolean) AS view\_locked , v.published AS view\_published , v.workbook\_id AS view\_workbook\_id,

w\_view.name AS view\_workbook\_name , w\_view.repository\_url AS view\_workbook\_repository\_url , v.index AS view\_index ,

v.fields AS view\_fields , v.title AS view\_title , v.caption AS view\_caption , v.sheet\_id AS view\_sheet\_id ,

v.sheettype AS view\_sheettype , v.for\_cache\_updated\_at AS view\_for\_cache\_updated\_at

FROM views v

INNER JOIN workbooks w\_view

ON v.workbook\_id = w\_view.id

) AS content

LEFT JOIN users AS u\_owner

ON content.owner\_id = u\_owner.id

LEFT JOIN licensing\_roles lr\_owner

ON u\_owner.id = lr\_owner.id

LEFT JOIN system\_users AS su\_owner

ON u\_owner.system\_user\_id = su\_owner.id

LEFT JOIN projects AS p

ON content.project\_id = p.id

LEFT JOIN sites AS s

ON content.site\_id = s.id

LEFT JOIN

-- Access statistics

( SELECT

MAX(he.created\_at) AS last\_access\_date , SUM(1) AS access\_count\_last\_180\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '90 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_90\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '60 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_60\_days ,

SUM ( CASE

WHEN age(he.created\_at) <= INTERVAL '30 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_30\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '10 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_10\_days , hd.datasource\_id AS datasource\_id , hv.view\_id AS view\_id ,

MAX(CAST(NULL AS int)) AS workbook\_id

FROM historical\_events he

LEFT JOIN hist\_datasources hd

ON he.hist\_datasource\_id = hd.id

LEFT JOIN hist\_views hv

ON he.hist\_view\_id = hv.id

LEFT JOIN hist\_workbooks hw

ON he.hist\_workbook\_id = hw.id

WHERE he.historical\_event\_type\_id IN (112, 84) -- Access Datasource, Access View

AND age(he.created\_at) <= INTERVAL '180 days' GROUP BY

hd.datasource\_id , hv.view\_id

UNION ALL

SELECT

MAX(he.created\_at) AS last\_access\_date , SUM(1) AS access\_count\_last\_180\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '90 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_90\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '60 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_60\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '30 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_30\_days , SUM

( CASE

WHEN age(he.created\_at) <= INTERVAL '10 days' THEN 1

ELSE 0

END

) AS access\_count\_last\_10\_days , MAX(CAST(NULL AS int)) AS datasource\_id , MAX(CAST(NULL AS int)) AS view\_id , hw.workbook\_id AS workbook\_id

FROM historical\_events he

LEFT JOIN hist\_views hv

ON he.hist\_view\_id = hv.id

LEFT JOIN hist\_workbooks hw

ON he.hist\_workbook\_id = hw.id

WHERE he.historical\_event\_type\_id IN (112, 84) -- Access Datasource, Access View

AND age(he.created\_at) <= INTERVAL '180 days' GROUP BY

hw.workbook\_id

) access\_stats

ON

(

content.id = access\_stats.datasource\_id AND content.type = 'Datasource' OR content.id = access\_stats.workbook\_id AND content.type = 'Workbook'

OR content.id = access\_stats.view\_id AND content.type = 'View'

)

1. **Workbook and view hits (last access time and last modified time)**

SELECT "views\_stats"."id" AS "id", "views\_stats"."user\_id" AS "user\_id", "views\_stats"."view\_id" AS "view\_id", "views\_stats"."nviews" AS "nviews", "views\_stats"."time" AS "time", "views\_stats"."site\_id" AS "site\_id",

CAST("views\_stats"."device\_type" AS TEXT) AS "device\_type", "\_views"."id" AS "id (\_views)",

"\_views"."name" AS "name", CAST("\_views"."view\_url" AS TEXT) AS "view\_url", "\_views"."created\_at" AS "created\_at", "\_views"."owner\_id" AS "owner\_id", "\_views"."owner\_name" AS "owner\_name", "\_views"."workbook\_id" AS "workbook\_id", "\_views"."index" AS "index",

CAST("\_views"."title" AS TEXT) AS "title", CAST("\_views"."caption" AS TEXT) AS "caption", "\_views"."site\_id" AS "site\_id (\_views)", "\_workbooks"."id" AS "id (\_workbooks)",

"\_workbooks"."name" AS "name (\_workbooks)", CAST("\_workbooks"."workbook\_url" AS TEXT) AS "workbook\_url", "\_workbooks"."created\_at" AS "created\_at (\_workbooks)", "\_workbooks"."updated\_at" AS "updated\_at", "\_workbooks"."owner\_id" AS "owner\_id (\_workbooks)", "\_workbooks"."project\_id" AS "project\_id",

"\_workbooks"."size" AS "size", "\_workbooks"."view\_count" AS "view\_count", "\_workbooks"."owner\_name" AS "owner\_name (\_workbooks)", "\_workbooks"."project\_name" AS "project\_name", "\_workbooks"."system\_user\_id" AS "system\_user\_id", "\_workbooks"."site\_id" AS "site\_id (\_workbooks)", "\_workbooks"."domain\_id" AS "domain\_id", "\_workbooks"."domain\_name" AS "domain\_name",

"\_sites"."id" AS "id (\_sites)", "\_sites"."name" AS "name (\_sites)", "\_sites"."url\_namespace" AS "url\_namespace", "\_sites"."status" AS "status",

"\_users"."id" AS "id (\_users)", "\_users"."name" AS "name (\_users)", "\_users"."login\_at" AS "login\_at", "\_users"."friendly\_name" AS "friendly\_name", "\_users"."licensing\_role\_id" AS "licensing\_role\_id",

"\_users"."licensing\_role\_name" AS "licensing\_role\_name", "\_users"."domain\_id" AS "domain\_id (\_users)", "\_users"."system\_user\_id" AS "system\_user\_id (\_users)", "\_users"."domain\_name" AS "domain\_name (\_users)", "\_users"."domain\_short\_name" AS "domain\_short\_name", "\_users"."site\_id" AS "site\_id (\_users)"

FROM "public"."views\_stats" "views\_stats"

INNER JOIN "public"."\_views" "\_views" ON ("views\_stats"."view\_id" = "\_views"."id")

INNER JOIN "public"."\_workbooks" "\_workbooks" ON ("\_views"."workbook\_id" = "\_workbooks"."id")

INNER JOIN "public"."\_sites" "\_sites" ON ("\_views"."site\_id" = "\_sites"."id")

RIGHT JOIN "public"."\_users" "\_users" ON ("views\_stats"."user\_id" = "\_users"."id")

1. **Data Extarct refersh status in last 6 months**

----- SELECT ds.id as "Datasource Id", ds.name as "Datasource Name",

case when ds.data\_engine\_extracts = 'True' then 'extract' else 'live' end as datasource\_type, ds.created\_at as "Created As",

case when ds.data\_engine\_extracts = 'true' then coalesce(ds.extracts\_refreshed\_at,ds.created\_at)

/\*when ds.data\_engine\_extracts = 'false' then coalesce(ds.extracts\_refreshed\_at,to\_timestamp('live','DD-MM-YY hh24:mi:ss')::timestamp without time zone)\*/

else ds.extracts\_refreshed\_at end as "Extracts Refreshed At",

/\*ds.extracts\_refreshed\_at,\*/

ds.updated\_at as "Updated At",

/\*ds.data\_engine\_extracts,\*/ p.name as "Project Name", s.name as "Site Name" FROM public.datasources ds

inner JOIN data\_connections dc ON dc.owner\_id = ds.id

JOIN public.projects p ON ds.project\_id = p.id JOIN public.sites s ON ds.site\_id = s.id WHERE dc.owner\_type = 'Datasource'