Issue 1 : Life Cycle Status : ‘Exception Use’ data is displayed as ‘UNKNOWN’ .

QA Query :

SELECT COALESCE(CONCAT('OT\_LIFE\_CYCLE\_STATUS\_C','~','PROCESSING\_ACTIVITIES','~',upper(SRC.LIFE\_CYCLE\_STATUS)),'UNSPECIFIED') as Source\_id,

LKP.row\_id,SRC.LIFE\_CYCLE\_STATUS,LKP.dimension\_name,Count(1) as CNT

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

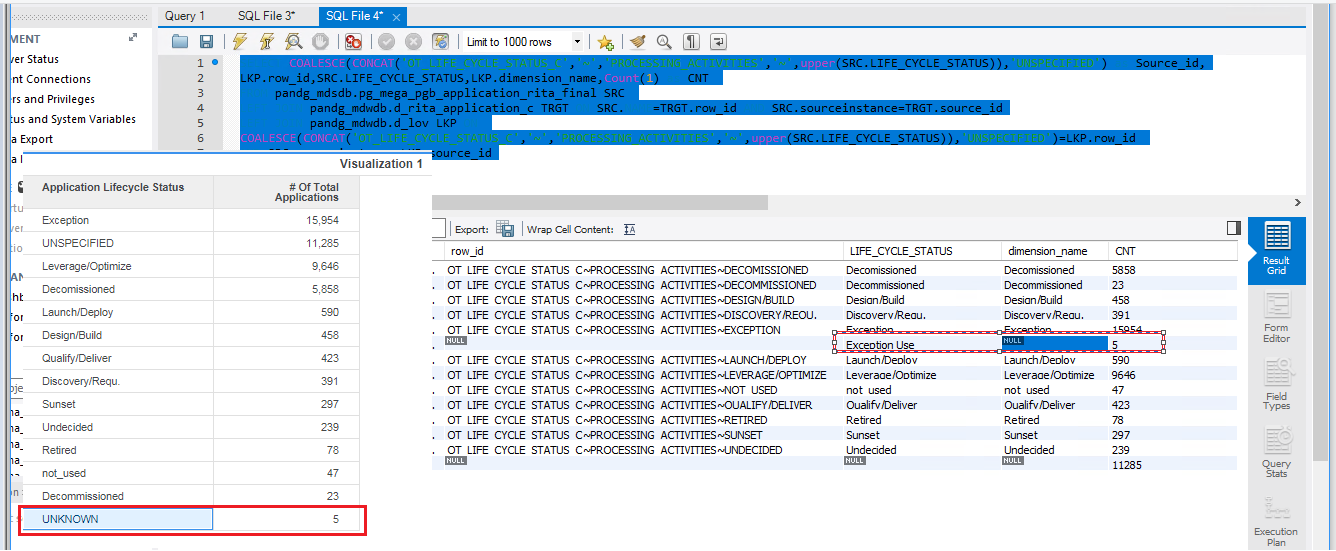
LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

LEFT JOIN pandg\_mdwdb.d\_lov LKP ON

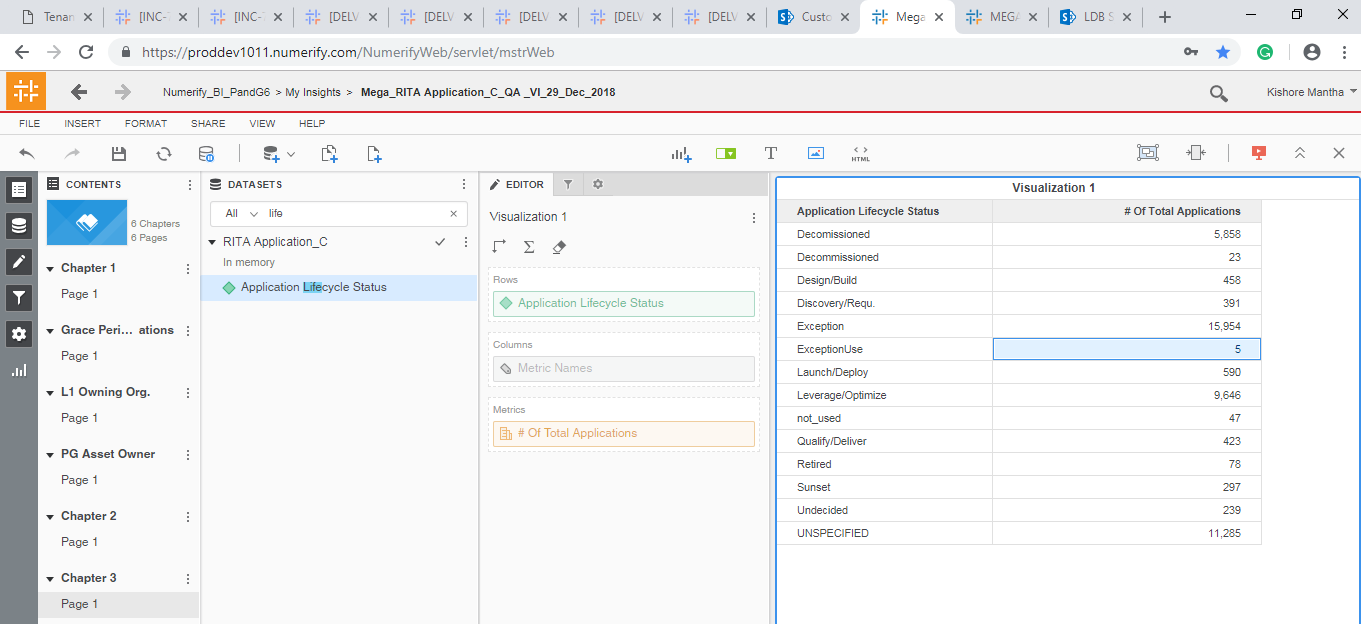
COALESCE(CONCAT('OT\_LIFE\_CYCLE\_STATUS\_C','~','PROCESSING\_ACTIVITIES','~',upper(SRC.LIFE\_CYCLE\_STATUS)),'UNSPECIFIED')=LKP.row\_id

AND SRC.sourceinstance=LKP.source\_id

group by 1,2,3,4;



Fixed and Working fine :



Issue 3: SRC.TOTAL\_3RD\_PARTY\_WITH\_ACCESS : ‘>=1,000 - <20,000’ is moved to UNKNOWN in the d\_lov.

SELECT SRC.TOTAL\_3RD\_PARTY\_WITH\_ACCESS,LKP.dimension\_name,

Count(1) as CNT

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

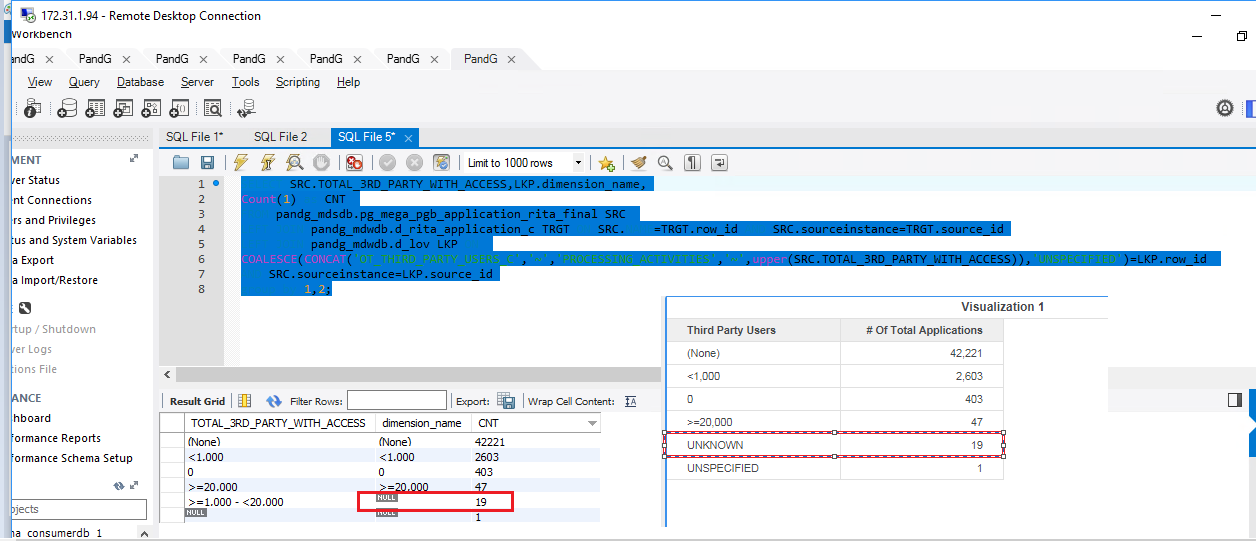
LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

LEFT JOIN pandg\_mdwdb.d\_lov LKP ON

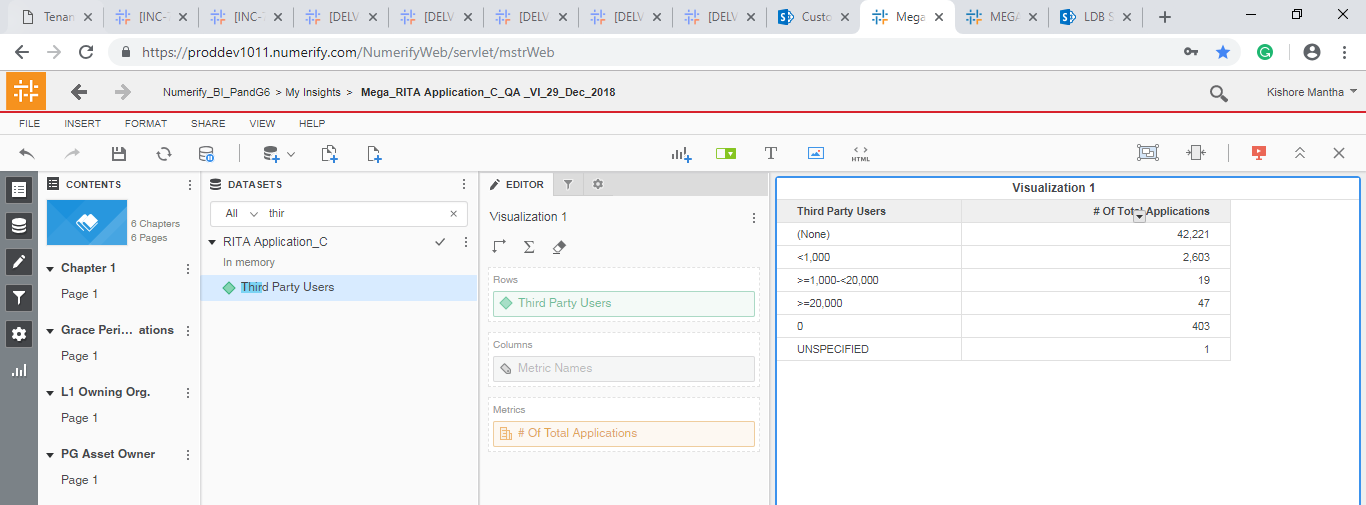
COALESCE(CONCAT('OT\_THIRD\_PARTY\_USERS\_C','~','PROCESSING\_ACTIVITIES','~',upper(SRC.TOTAL\_3RD\_PARTY\_WITH\_ACCESS)),'UNSPECIFIED')=LKP.row\_id

AND SRC.sourceinstance=LKP.source\_id

group by 1,2;



Fixed and Working fine :



Issue 4: TOTAL\_PG\_PERSONNEL\_WITH\_ACCESS, ‘>=1,000 - <20,000’ is displayed as ‘UNKNOWN’

SELECT SRC.TOTAL\_PG\_PERSONNEL\_WITH\_ACCESS,LKP.dimension\_name,

Count(1) as CNT

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

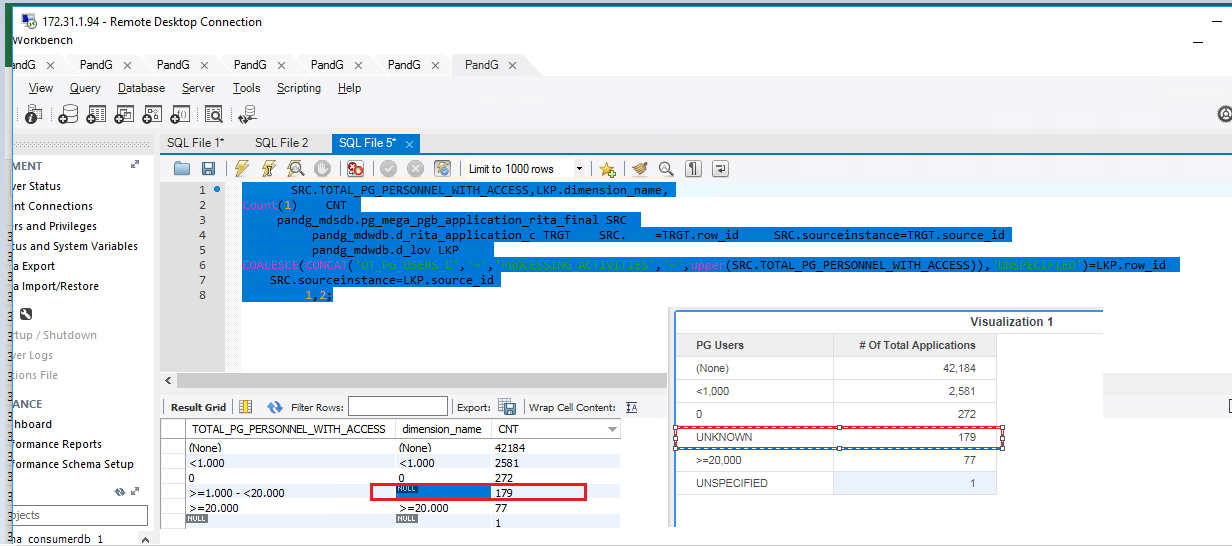
LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

LEFT JOIN pandg\_mdwdb.d\_lov LKP ON

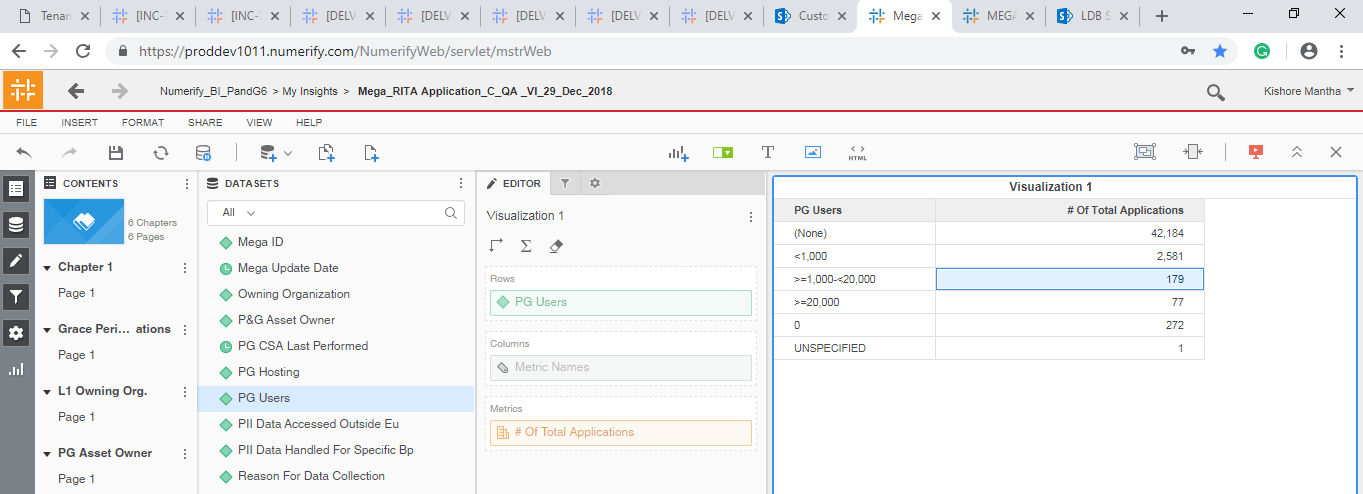
COALESCE(CONCAT('OT\_PG\_USERS\_C','~','PROCESSING\_ACTIVITIES','~',upper(SRC.TOTAL\_PG\_PERSONNEL\_WITH\_ACCESS)),'UNSPECIFIED')=LKP.row\_id

AND SRC.sourceinstance=LKP.source\_id

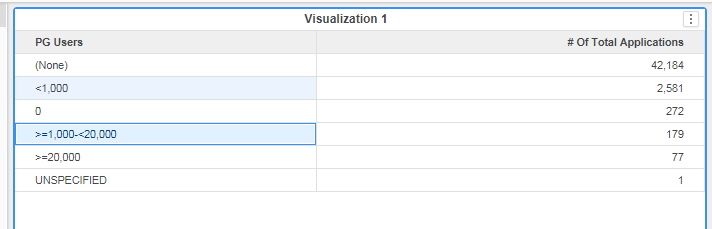
group by 1,2;



Fixed and Working fine:



Fixed and Working fine :



Issue 5:

Few L1 Owning Organizations are not displayed in Cube:

Ex: IT IT Development Organization and IT IT Innovation Organization

New Issues on 2-Jan-2018:

Issue 6:

Data mismatch between source and cube for certain ‘Retension\_Span\_Year’ :

SELECT

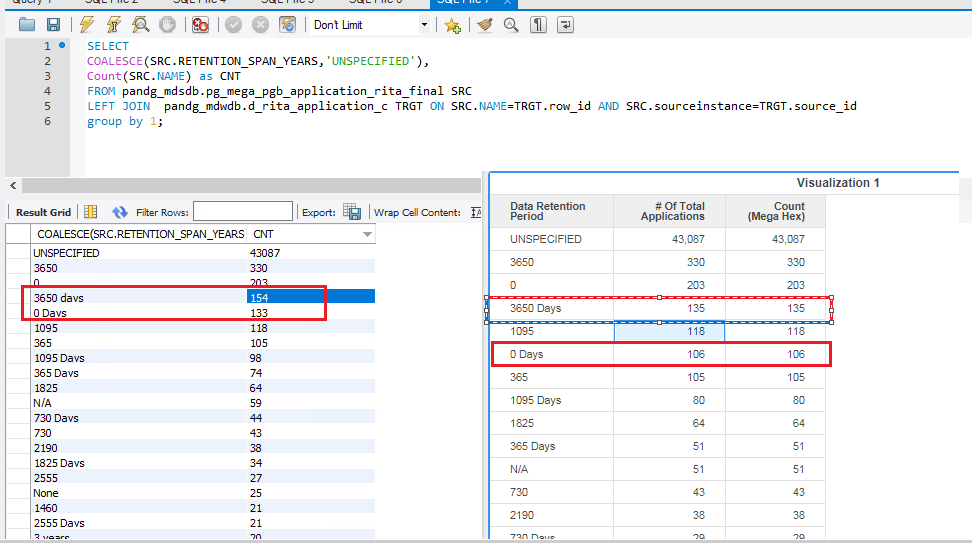
COALESCE(SRC.RETENTION\_SPAN\_YEARS,'UNSPECIFIED'),

Count(SRC.NAME) as CNT

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

group by 1;



Issue 7: ‘Description’ field is displayed instead of ‘PG\_CSA\_Last\_Performed’ Date :

SELECT SRC.SHORT\_NAME,

COALESCE(date\_format(substring(replace(SRC.PG\_CSA\_LAST\_PEFORMED,' ',''),1,14),'%Y-%m-%d %h:%i:%s'),

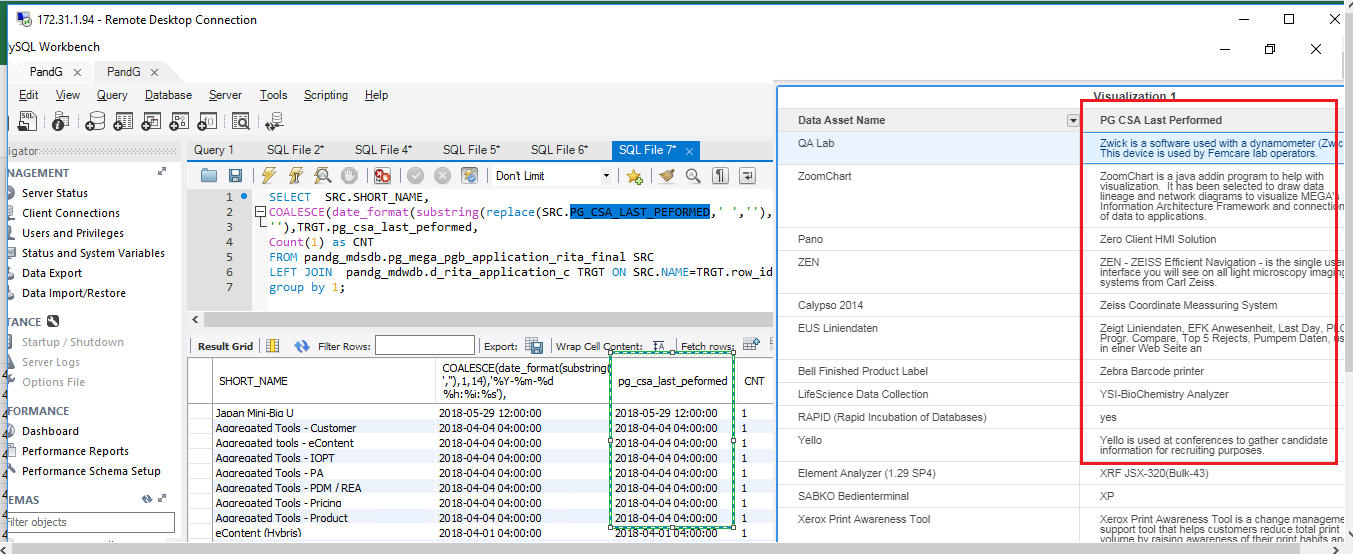
''),TRGT.pg\_csa\_last\_peformed,

Count(1) as CNT

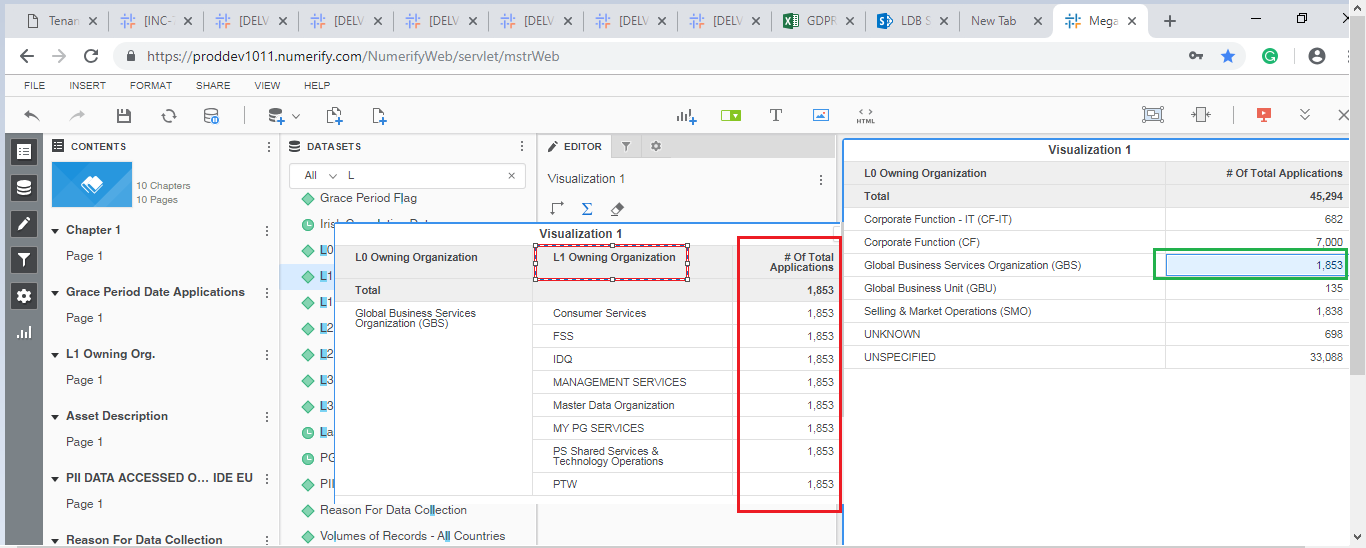
FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

group by 1;



Issue 8: Metric values are not segregated based upon the ‘L1 Owning Organization’ (MSTR Issues).



Issue 9: Data mismatch for the ‘Grace Period Start Date’ between Source and Cube.

SELECT CASE WHEN SRC.APPLICATION\_NATURE IN ('Generic','XOApplication','NonDigital','Component')

AND SRC.LIFE\_CYCLE\_STATUS NOT IN ('Decomissioned','Exception Use','not\_used','Undecided')

AND TRGT.gdpr\_relevant\_c\_flag ='Y'

AND level1.LVL1\_ORG\_NAME IN

('Information Security','IT Consumer Solutions','IT Customer Solutions & Delivery','IT Data & Analytics Organization','IT IT Development Organization',

'IT IT Innovation Organization','IT Solutions','Consumer Services','FSS','IDQ','MANAGEMENT SERVICES','Master Data Organization','MY PG SERVICES','PS Shared Services & Technology Operations','PTW')THEN COALESCE(TRGT.grace\_period\_start\_date,CONVERT\_TZ(OD.lastupdated,'GMT','America/New\_York'))

ELSE NULL END AS Source\_Grace\_Period\_Start\_Date,TRGT.grace\_period\_start\_date,Count(distinct SRC.NAME) as Application\_Count

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

LEFT JOIN (select source\_id,max(lastupdated) as lastupdated from pandg\_mdwdb.o\_data\_freshness

group by source\_id) OD ON TRGT.source\_id=OD.source\_id

LEFT JOIN

(SELECT a.app\_hexid,a.sourceinstance,

CASE WHEN Count(1) <= 1 THEN MAX(COALESCE(a.responsible\_org\_unit\_hexid,'UNSPECIFIED')) ELSE 'UNKNOWN' end as responsible\_org\_unit\_hexid

FROM pandg\_mdsdb.pg\_mega\_pgv\_app\_responsible\_org\_person\_final a WHERE a.pg\_development\_org = 'Y' AND a.app\_hexid IS NOT NULL

group by a.app\_hexid,a.sourceinstance) SRC1 ON (SRC.NAME=SRC1.app\_hexid AND SRC.sourceinstance=SRC1.sourceinstance )

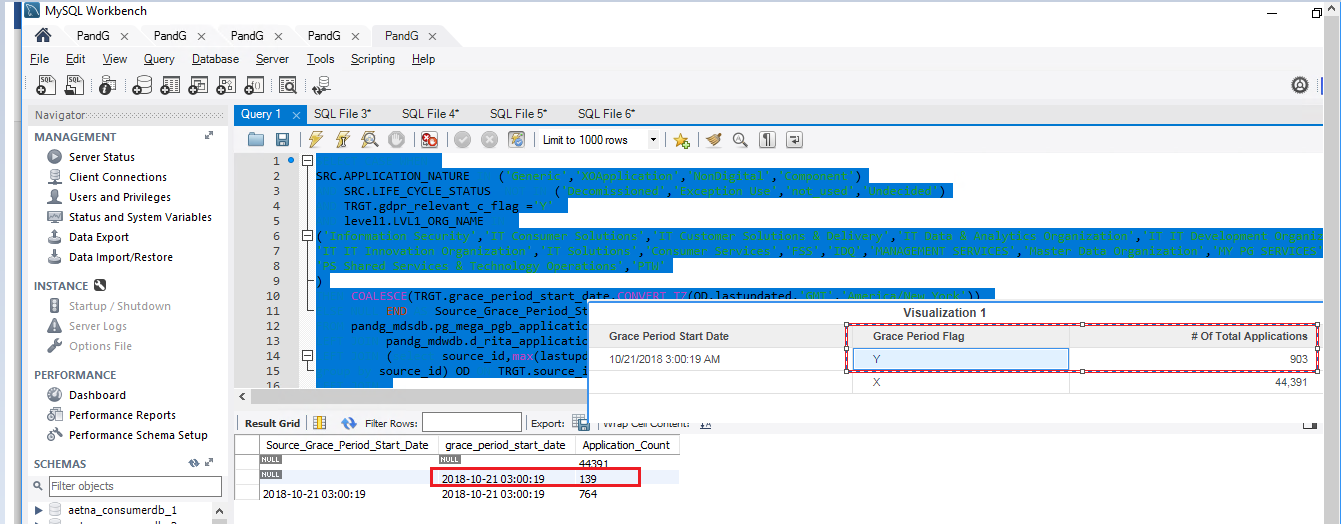
LEFT JOIN pandg\_mdsdb.pg\_mega\_pgv\_org\_itam\_gbs\_final level1

ON (SRC1.responsible\_org\_unit\_hexid=level1.LVL1\_ORG\_HEX OR SRC1.responsible\_org\_unit\_hexid=level1.LVL2\_ORG\_HEX

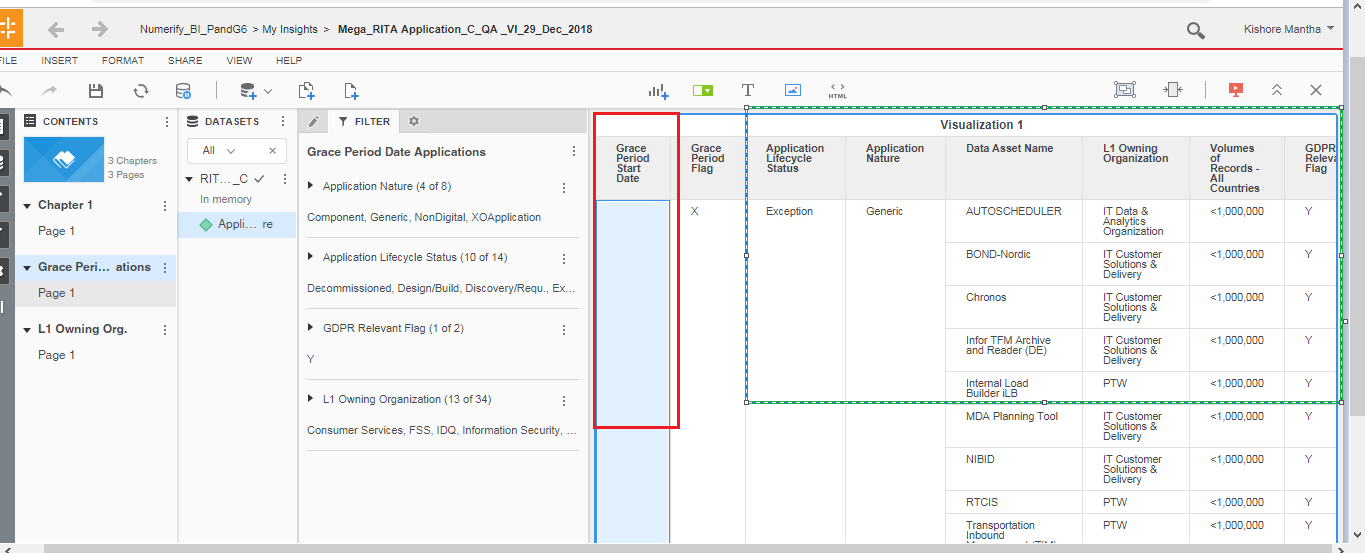
OR SRC1.responsible\_org\_unit\_hexid=level1.LVL3\_ORG\_HEX)

AND SRC1.sourceinstance=level1.sourceinstance

group by 1,2;



The ‘Grace Period Start Date’ is displayed as NULL even all the conditions are Met.



Issue 10: GDPR Relevant\_Flag : is not working fine for 18 records :

SELECT SRC.SHORT\_NAME,SRC1.KEYWORD\_NAME,SRC.VOLUME\_OF\_RECORDS\_EU,(CASE

WHEN SRC1.KEYWORD\_NAME IN ('ITAM: GDPR - Relevance: No') THEN 'N'

WHEN SRC1.KEYWORD\_NAME IN ('ITAM: GDPR - Relevance: Yes') THEN 'Y'

ELSE

IF ((SRC.VOLUME\_OF\_RECORDS\_EU) = '0' OR (SRC.VOLUME\_OF\_RECORDS\_EU) IS NULL OR ((SRC.VOLUME\_OF\_RECORDS\_EU) = '' ),'N','Y') END ) AS Source\_Relevant\_Flag,TRGT.gdpr\_relevant\_c\_flag

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdsdb.pg\_mega\_pgb\_app\_keyword\_final SRC1 ON SRC.NAME=SRC1.APP\_HEXID AND SRC.sourceinstance=SRC1.sourceinstance

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

WHERE

(CASE

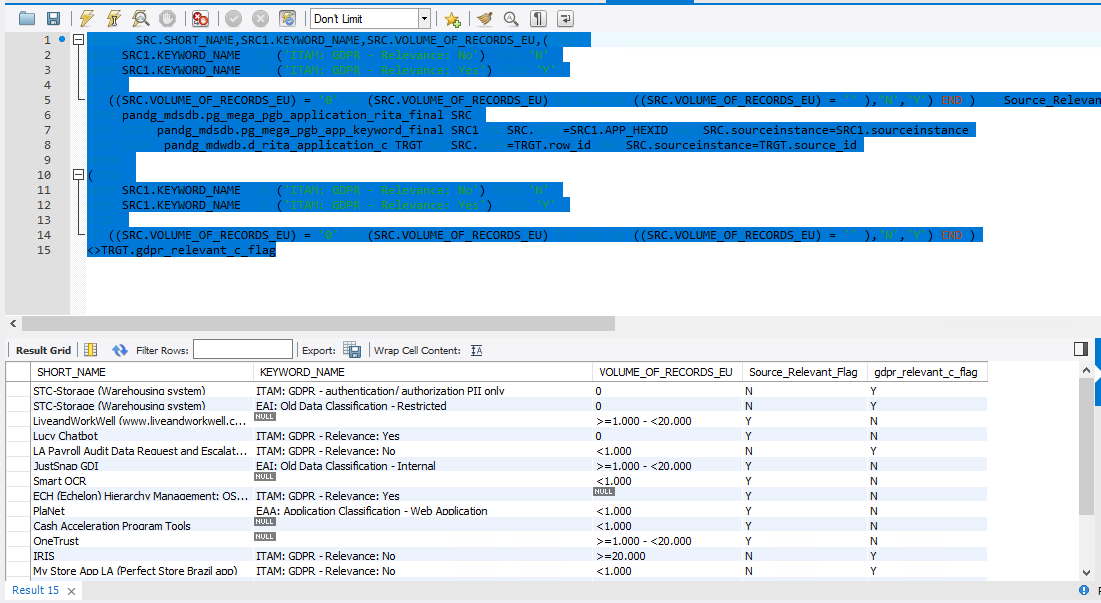
WHEN SRC1.KEYWORD\_NAME IN ('ITAM: GDPR - Relevance: No') THEN 'N'

WHEN SRC1.KEYWORD\_NAME IN ('ITAM: GDPR - Relevance: Yes') THEN 'Y'

ELSE

IF ((SRC.VOLUME\_OF\_RECORDS\_EU) = '0' OR (SRC.VOLUME\_OF\_RECORDS\_EU) IS NULL OR ((SRC.VOLUME\_OF\_RECORDS\_EU) = '' ),'N','Y') END )

<>TRGT.gdpr\_relevant\_c\_flag



Issue 11: GDPR \_override\_Flag is not working fine :

SELECT SRC.NAME,SRC.SHORT\_NAME,SRC1.KEYWORD\_NAME,

(CASE WHEN SRC1.KEYWORD\_NAME IN ('ITAM:GDPR -Grouping:1','ITAM:GDPR -Grouping:2','ITAM: GDPR - Grouping: 3','ITAM: GDPR - Grouping: 4') THEN 'Y'

ELSE 'N' END) AS Source,

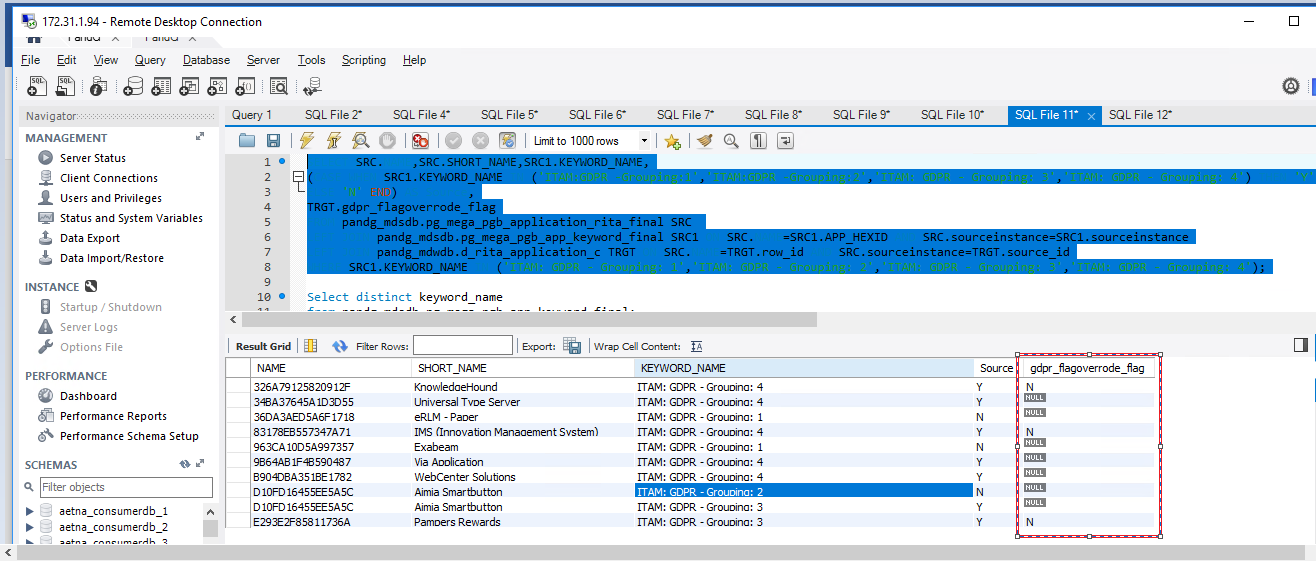
TRGT.gdpr\_flagoverrode\_flag

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdsdb.pg\_mega\_pgb\_app\_keyword\_final SRC1 ON SRC.NAME=SRC1.APP\_HEXID AND SRC.sourceinstance=SRC1.sourceinstance

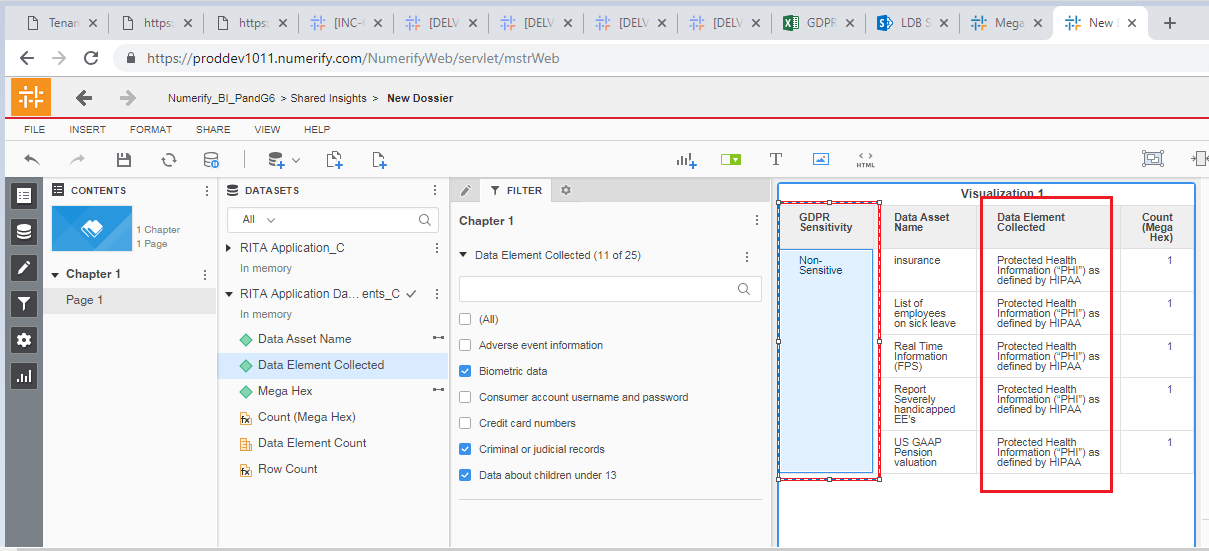
LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

WHERE SRC1.KEYWORD\_NAME IN ('ITAM: GDPR - Grouping: 1','ITAM: GDPR - Grouping: 2','ITAM: GDPR - Grouping: 3','ITAM: GDPR - Grouping: 4');

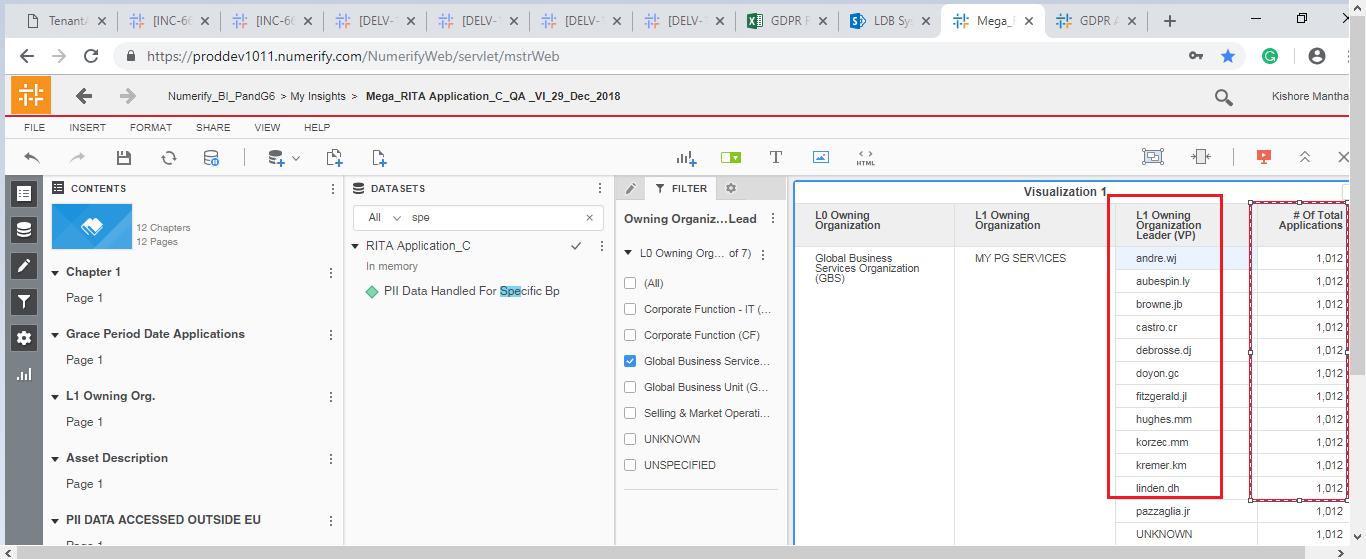


Issue 12: 5 Applications are marked as ‘Non-Sensitive’ even the Data Element Collected in then mentioned list :

Fixed and working fine.



Issue 13: The Organization Lead is not displayed as expected.



Issue 14:

SELECT distinct SRC1.ATTRIBUTE\_NAME,(CASE WHEN SRC1.ATTRIBUTE\_NAME ='Government ID, government-issued ID' THEN 'Y' ELSE 'N' END ),

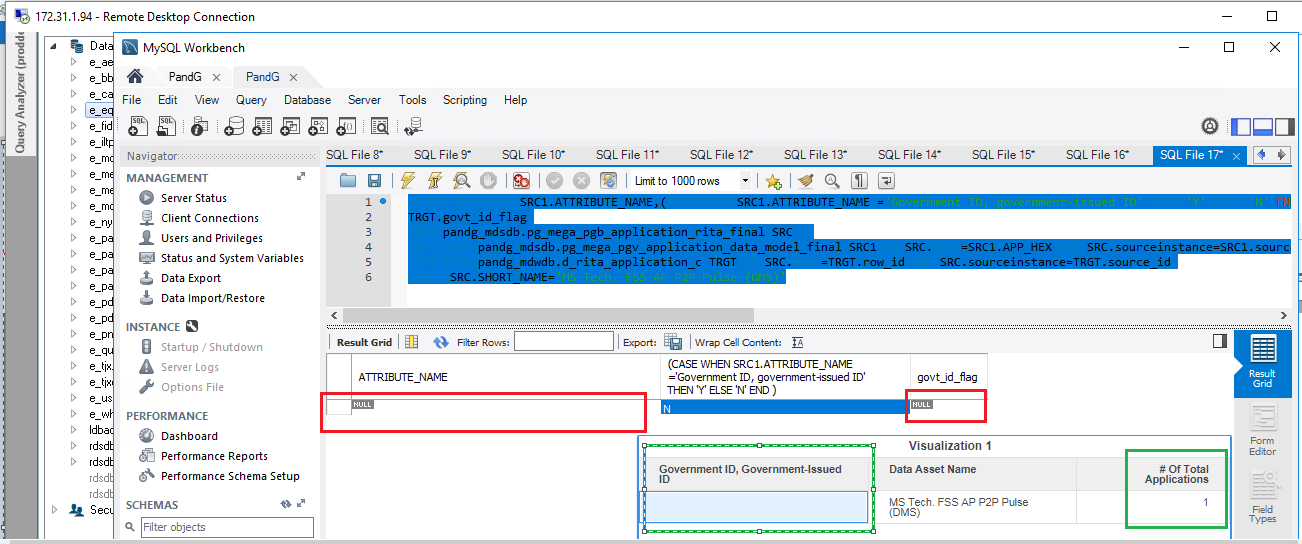
TRGT.govt\_id\_flag

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdsdb.pg\_mega\_pgv\_application\_data\_model\_final SRC1 ON SRC.NAME=SRC1.APP\_HEX AND SRC.sourceinstance=SRC1.sourceinstance

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

Where SRC.SHORT\_NAME='MS Tech. FSS AP P2P Pulse (DMS)';



Issue 15: Only UNKNOWS are displayed in L1 Organization Leads:

SELECT distinct level1.LVL0\_ORG\_NAME,level1.LVL1\_ORG\_NAME,level1.LVL1\_ORGLEAD\_NAME,

Count(distinct SRC.NAME)

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN

(SELECT a.app\_hexid,a.sourceinstance,a.responsible\_org\_unit AS Owning\_Organization,

CASE WHEN Count(distinct responsible\_org\_unit\_hexid) <= 1 THEN MAX(COALESCE(a.responsible\_org\_unit\_hexid,'UNSPECIFIED')) ELSE

'UNKNOWN' end as responsible\_org\_unit\_hexid

FROM pandg\_mdsdb.pg\_mega\_pgv\_app\_responsible\_org\_person\_final a WHERE a.pg\_development\_org = 'Y'

group by a.app\_hexid,a.sourceinstance

) SRC1 ON (SRC.NAME=SRC1.app\_hexid AND SRC.sourceinstance=SRC1.sourceinstance )

LEFT JOIN pandg\_mdsdb.pg\_mega\_pgv\_org\_itam\_gbs\_final level1

ON (SRC1.responsible\_org\_unit\_hexid=level1.LVL1\_ORG\_HEX OR SRC1.responsible\_org\_unit\_hexid=level1.LVL2\_ORG\_HEX

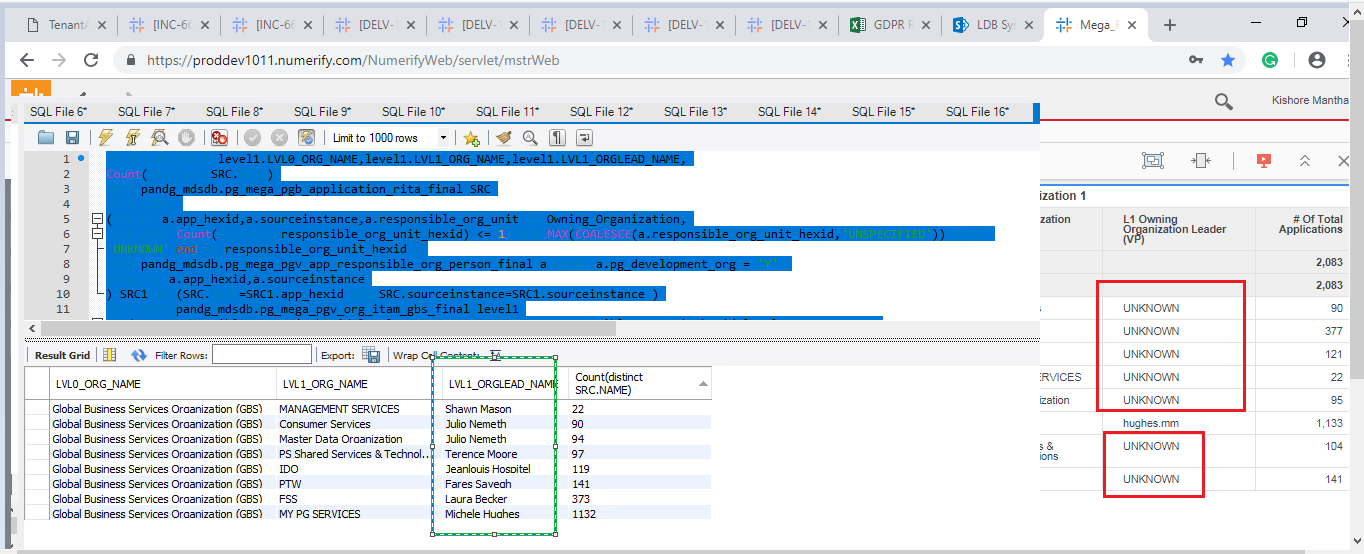
OR SRC1.responsible\_org\_unit\_hexid=level1.LVL3\_ORG\_HEX)

AND SRC1.sourceinstance=level1.sourceinstance

WHERE level1.LVL0\_ORG\_NAME='Global Business Services Organization (GBS)'

AND SRC.cdctype <>'D'

group by 1,2,3;



1. Count of the Application are not matched with Source :

Issue 16:on PII\_Flag : Notice there is count mismatch between MDS and MDWD (mysql), there are 69 records in source with PHI attribute name, but in cube no ‘Y’ is displayed.

SELECT (CASE WHEN SRC1.ATTRIBUTE\_NAME ='Protected Health Information (“PHI”) as defined by HIPAA' THEN 'Y' ELSE 'N' END ) AS Source\_flag,TRGT.phi\_flag,

Count(distinct SRC.NAME) as CNT

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN pandg\_mdsdb.pg\_mega\_pgv\_application\_data\_model\_final SRC1 ON SRC.NAME=SRC1.APP\_HEX AND SRC.sourceinstance=SRC1.sourceinstance

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON SRC.NAME=TRGT.row\_id AND SRC.sourceinstance=TRGT.source\_id

WHERE SRC.cdctype<>'D'

group by 1,2;

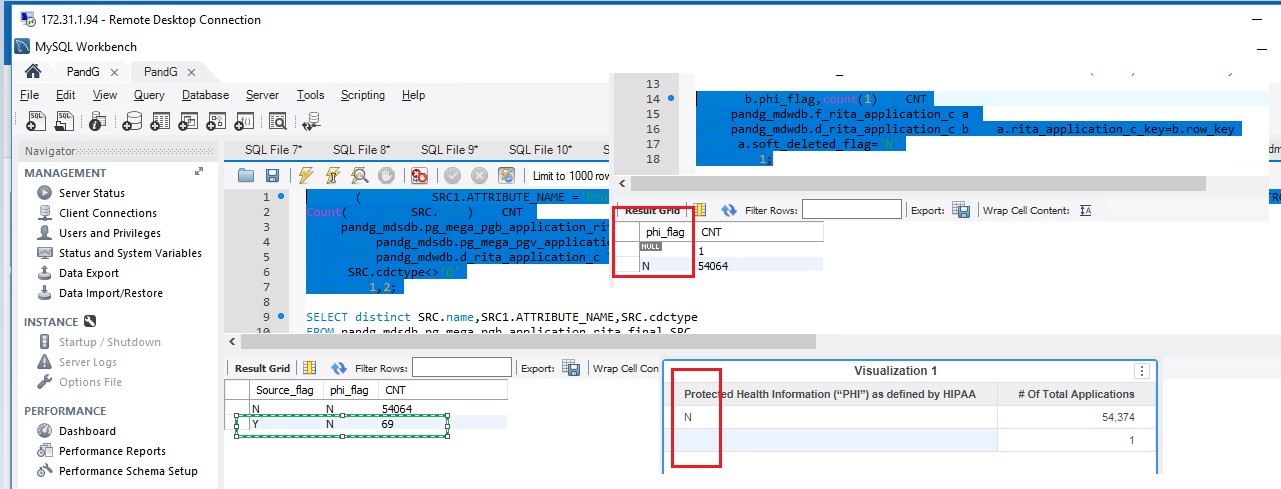
Select b.phi\_flag,count(1) as CNT

FROM pandg\_mdwdb.f\_rita\_application\_c a

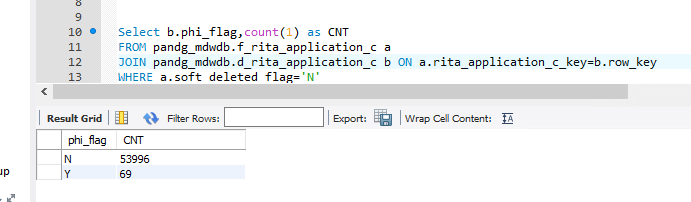
JOIN pandg\_mdwdb.d\_rita\_application\_c b ON a.rita\_application\_c\_key=b.row\_key

WHERE a.soft\_deleted\_flag='N'

group by 1;



Fixed and Working fine :



Issue 17:

GDPR Sensitivity is failed for one records :

SELECT a.NAME,COALESCE(X.gdpr\_sensitivity,'UNSPECIFIED'),TRGT.gdpr\_sensitivity

FROM pandg\_mdsdb.pg\_mega\_pgb\_application\_rita\_final a

LEFT JOIN

(

select app\_hex, sourceinstance,MAX(gdpr\_sensitivity) as gdpr\_sensitivity from(

select app\_hex, sourceinstance, ATTRIBUTE\_NAME ,(CASE WHEN ATTRIBUTE\_NAME in

('Biometric data'

,'Genetic data'

,'Sex life, sexual orientation questions'

,'Data about children under 13'

,'Criminal or judicial records'

,'Precise geo location data'

,'Racial or ethnic origin'

,'Political opinions, political party affiliation'

,'Trade union membership'

,'Protected Health Information (“PHI”) as defined by HIPAA'

,'Other health or medical data') THEN 'Sensitive' ELSE 'Non-Sensitive' END)

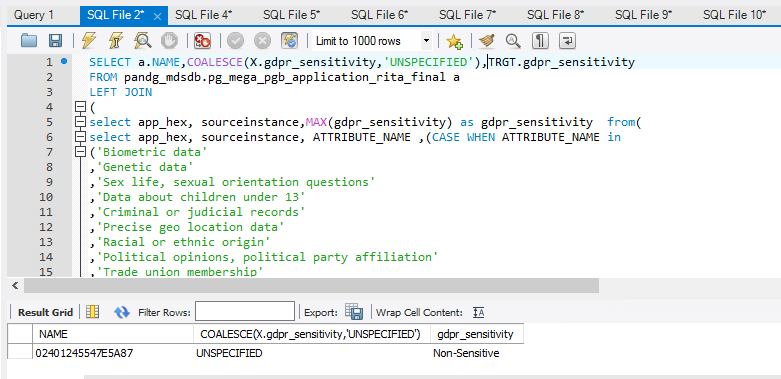
AS gdpr\_sensitivity

FROM pandg\_mdsdb.pg\_mega\_pgv\_application\_data\_model\_final)Y

GROUP BY 1,2)X ON a.NAME=X.app\_hex AND a.sourceinstance=X.sourceinstance AND a.cdctype <>'D'

LEFT JOIN pandg\_mdwdb.d\_rita\_application\_c TRGT ON a.NAME=TRGT.row\_id AND a.sourceinstance=TRGT.source\_id

WHERE COALESCE(X.gdpr\_sensitivity,'UNSPECIFIED')<>TRGT.gdpr\_sensitivity



Observations 1:

Not all the Level 1 Organizations are not displayed in Cube :

Example : Below Level1 Organizations are not coming in cube.

GBU-Baby Feminine & Family

GBU-Beauty

GBU-Global P&G

GBU-Health and Grooming

IT IT Development Organization

IT IT Innovation Organization

CF-Gen Admin

Queries :

SELECT Count(distinct level1.LVL1\_ORG\_NAME)

FROM png\_mdsdb.pg\_mega\_pgb\_application\_rita\_final SRC

LEFT JOIN

(SELECT a.app\_hexid,a.sourceinstance,a.responsible\_org\_unit AS Owning\_Organization,

CASE WHEN Count(distinct responsible\_org\_unit\_hexid) <= 1 THEN MAX(COALESCE(a.responsible\_org\_unit\_hexid,'UNSPECIFIED')) ELSE

'UNKNOWN' end as responsible\_org\_unit\_hexid

FROM png\_mdsdb.pg\_mega\_pgv\_app\_responsible\_org\_person\_final a WHERE a.pg\_development\_org = 'Y'

group by a.app\_hexid,a.sourceinstance

) SRC1 ON (SRC.NAME=SRC1.app\_hexid AND SRC.sourceinstance=SRC1.sourceinstance )

LEFT JOIN png\_mdsdb.pg\_mega\_pgv\_org\_itam\_gbs\_final level1

ON (SRC1.responsible\_org\_unit\_hexid=level1.LVL1\_ORG\_HEX

AND SRC1.sourceinstance=level1.sourceinstance );

SELECT Count(distinct a.LVL1\_ORG\_NAME)

FROM png\_mdsdb.pg\_mega\_pgv\_org\_itam\_gbs\_final a;

