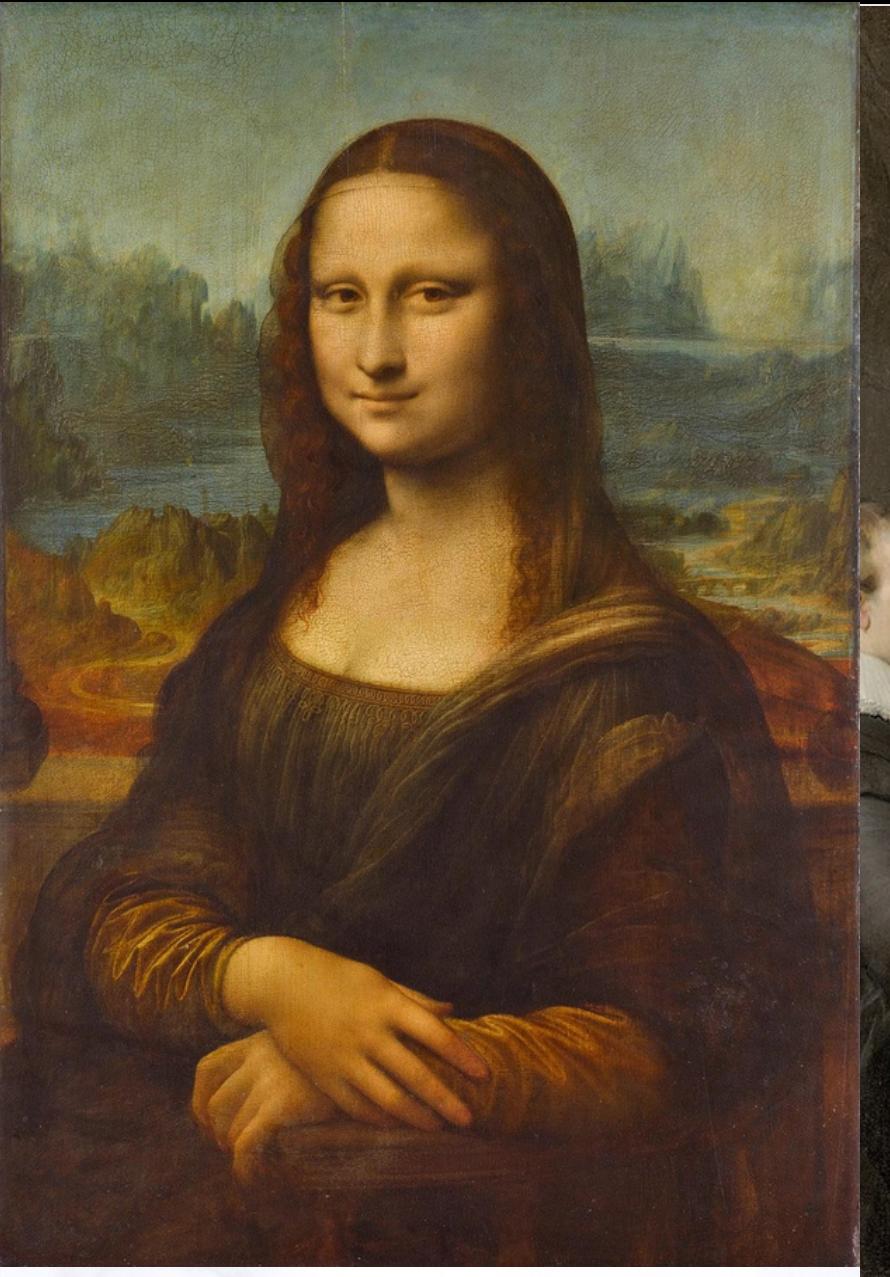
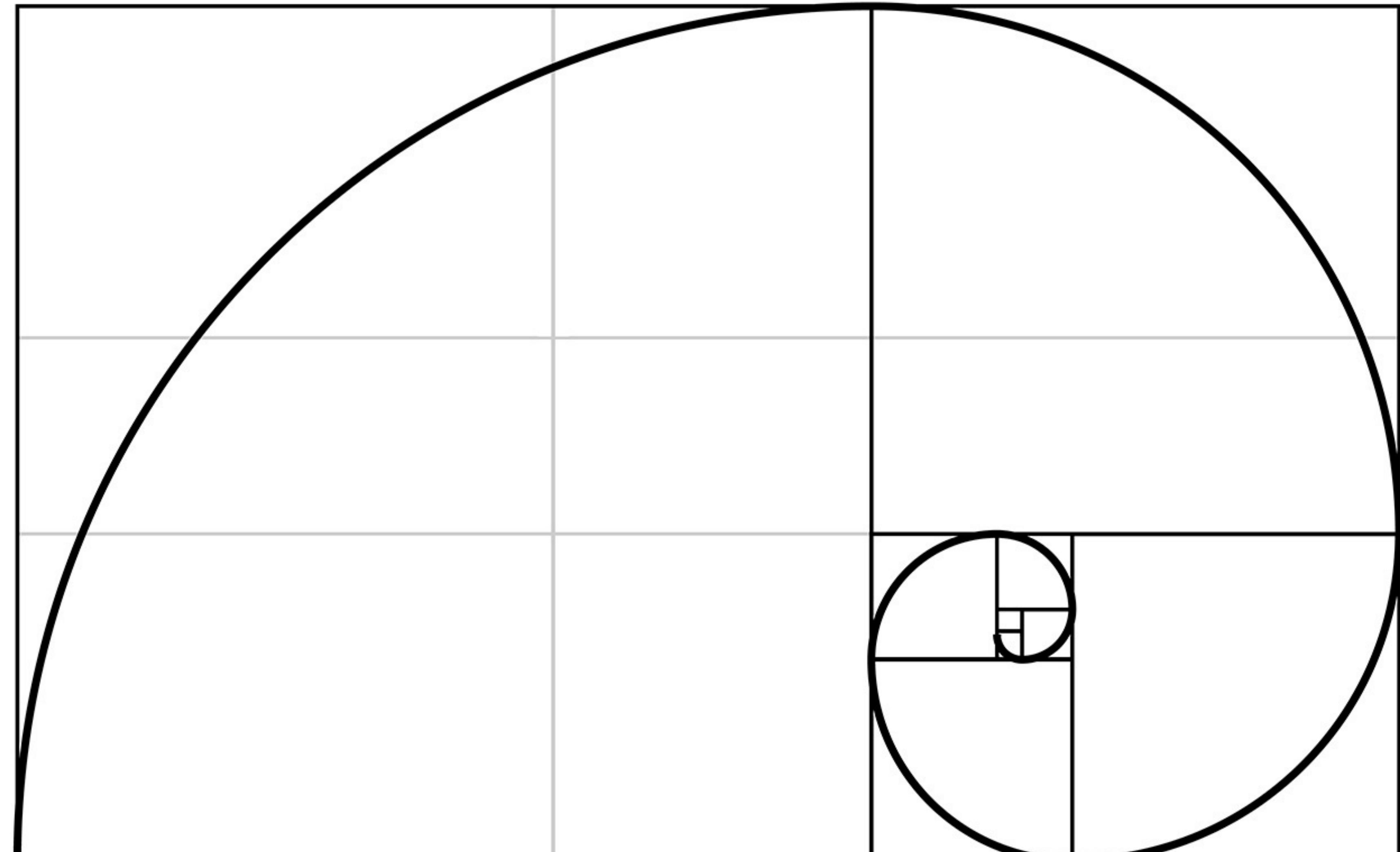


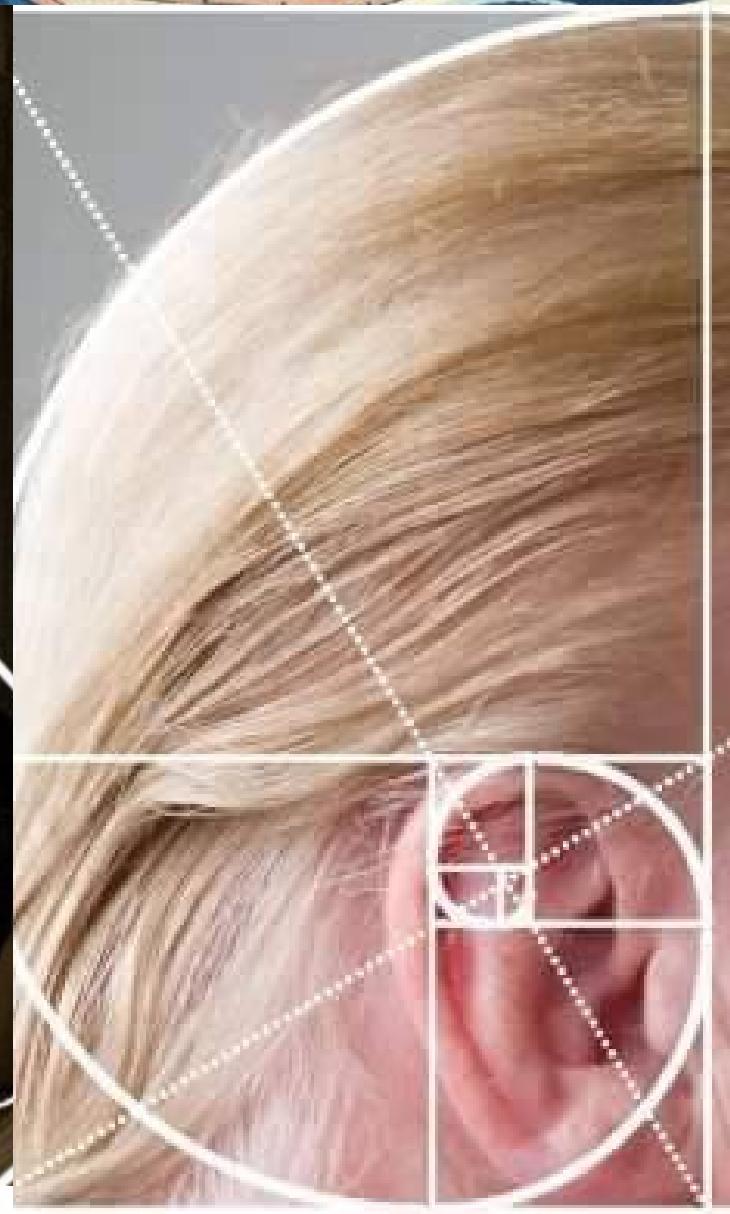
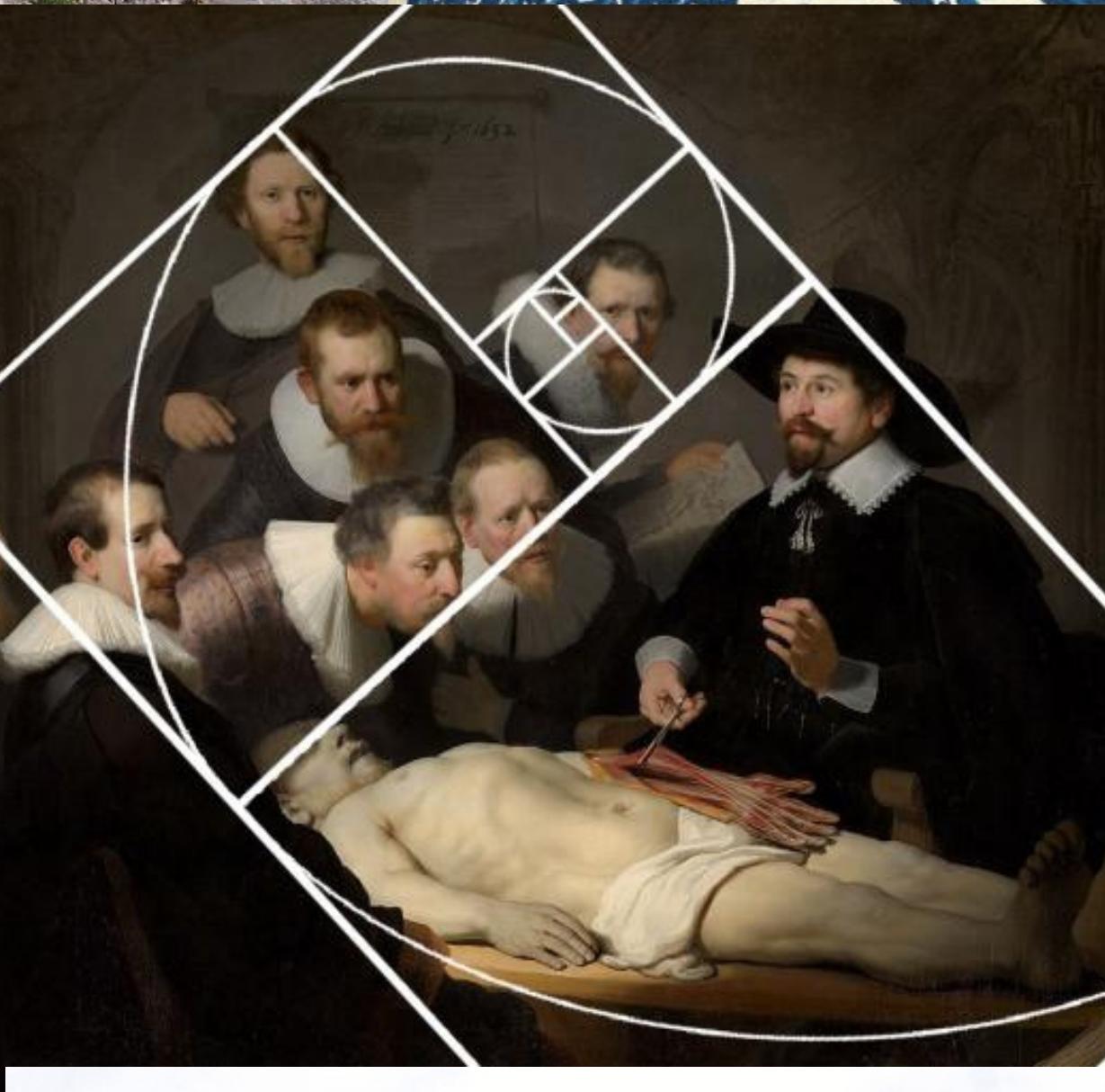
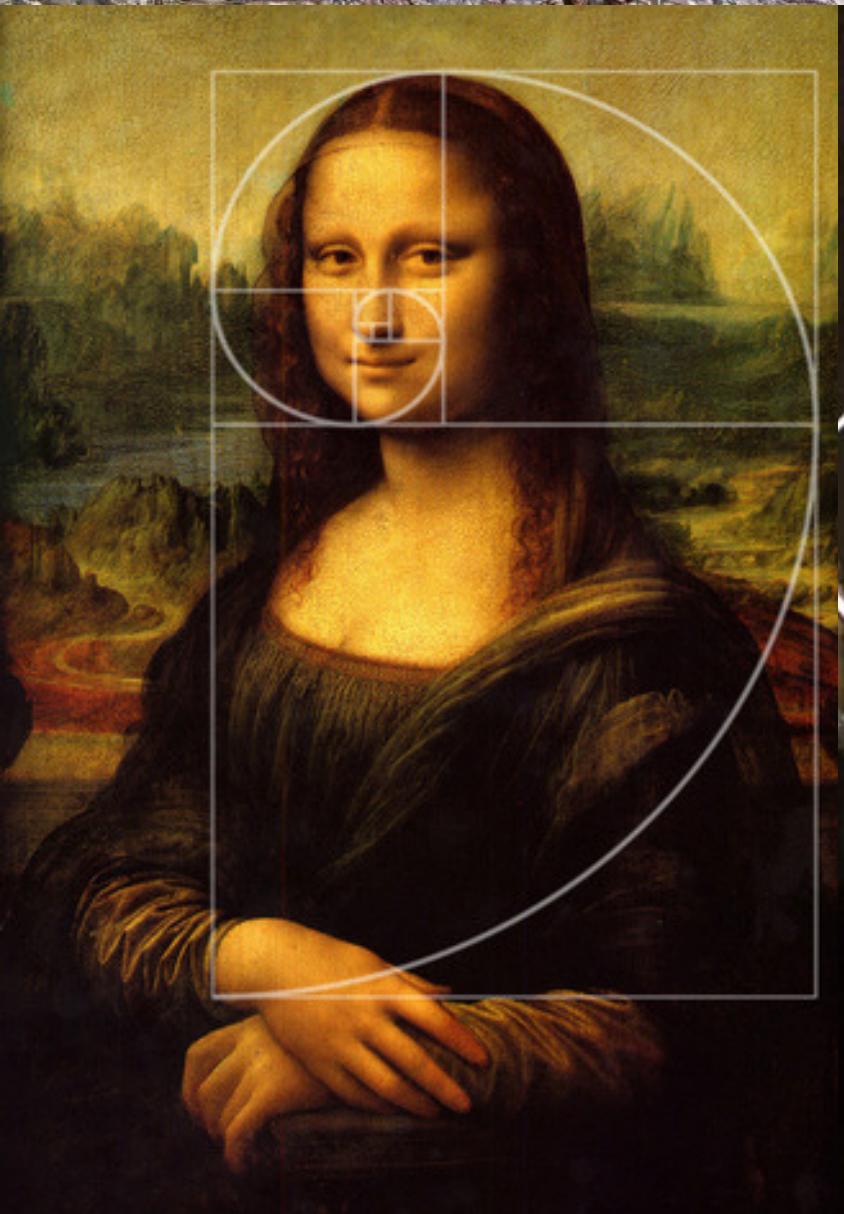
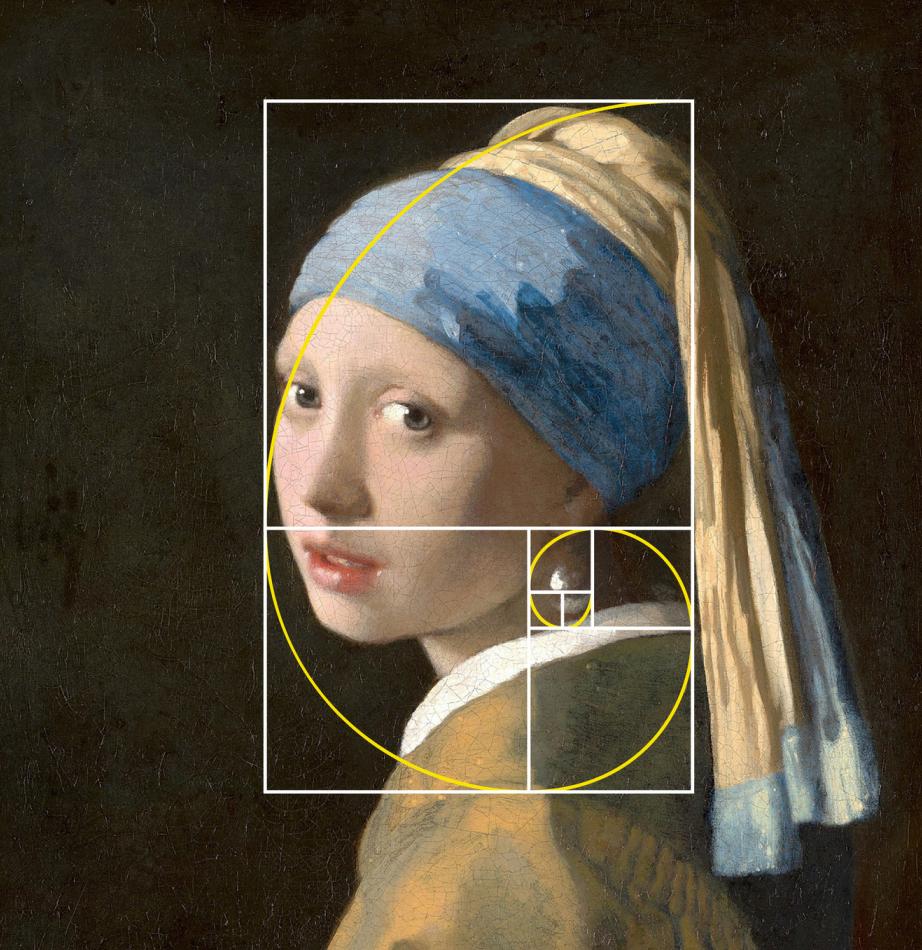
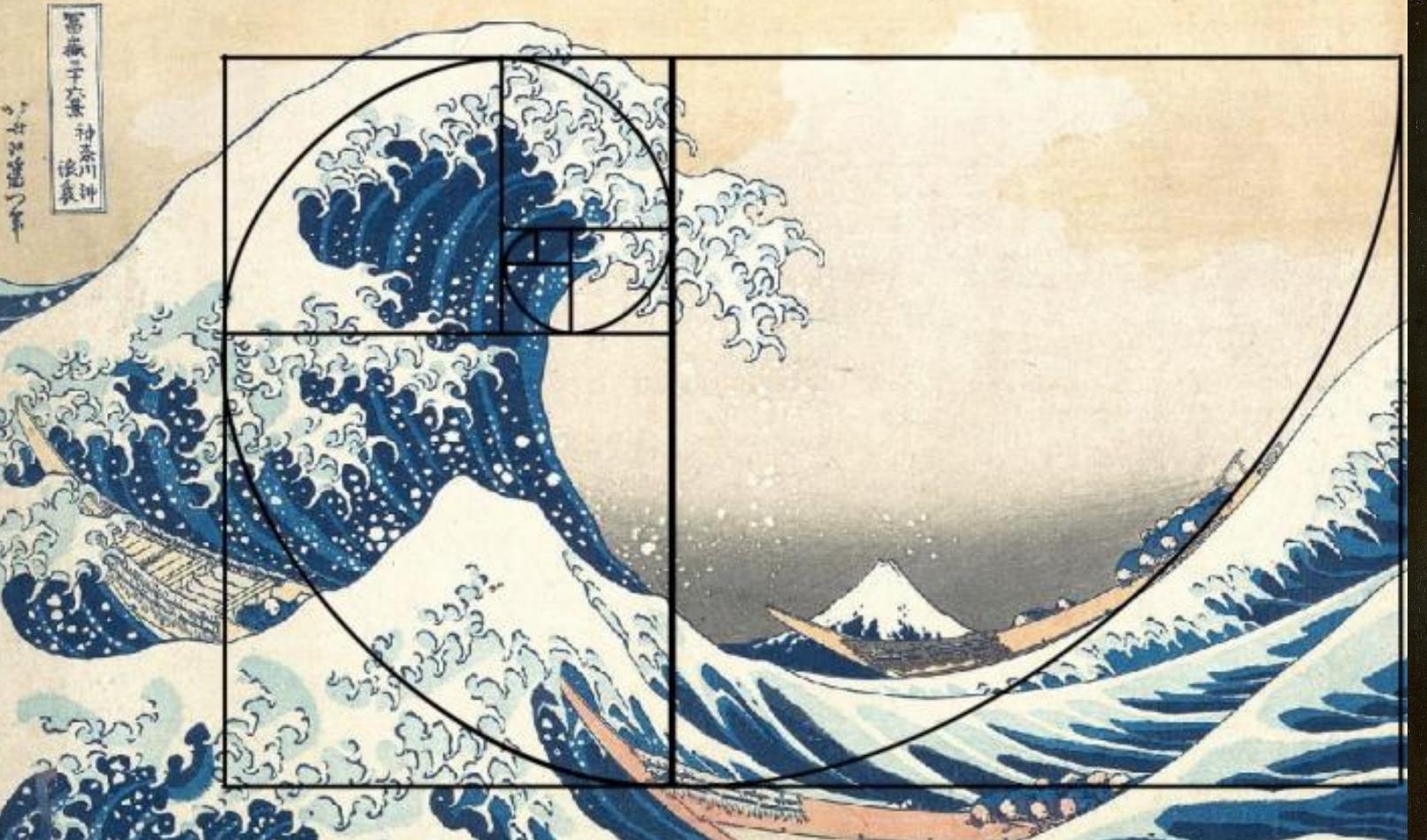
A DASHBOARD PRESENTATION FOR POLEN CAPITAL

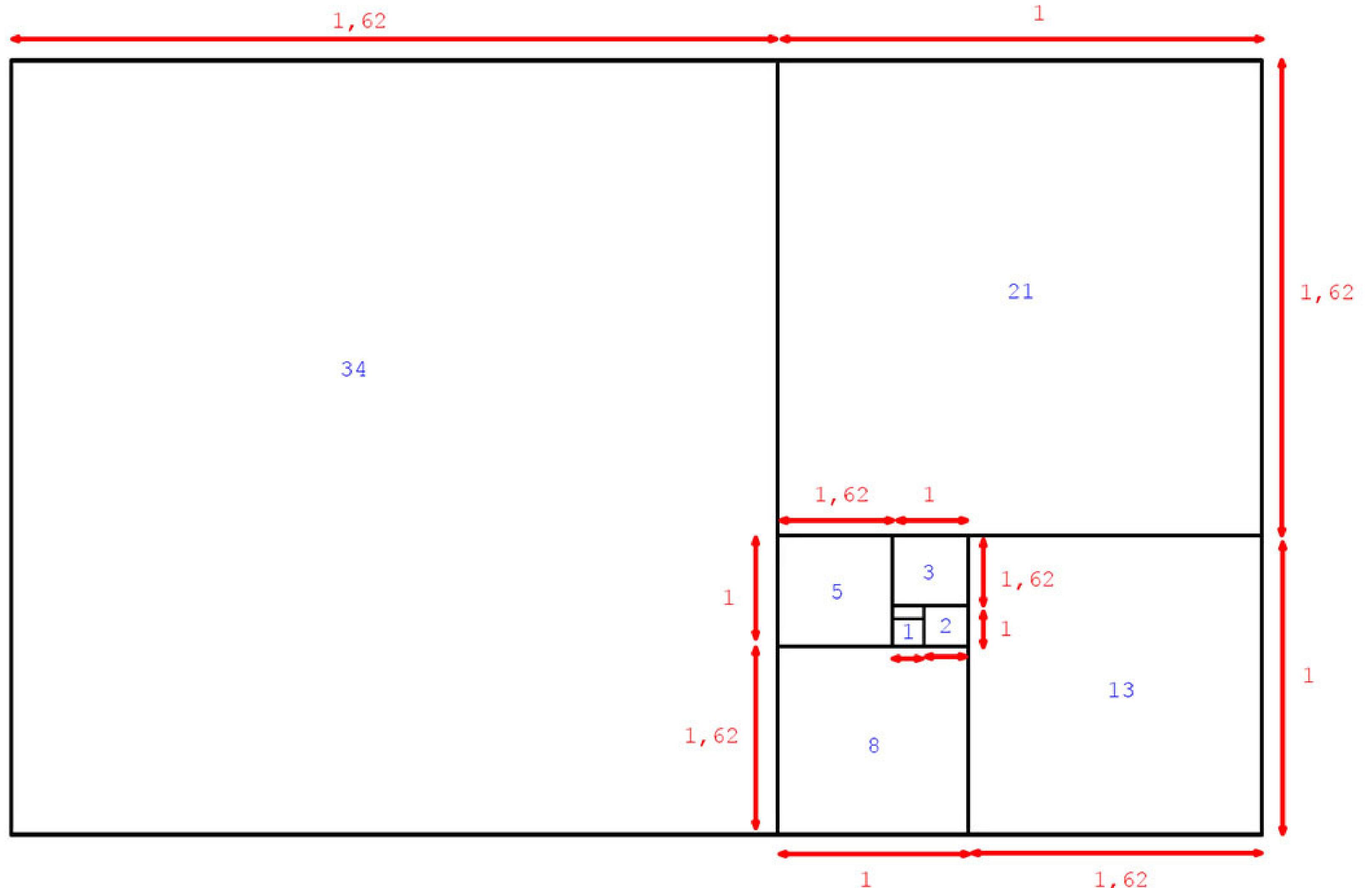
**PRANAV BELMANNU
SANJEEV HIRUDAYARAJ
PRIYANKA PRATIKANTHAM
VAISHNAVI VANKAMAMIDI**

```
select sum(case when HIGH_VALUE_ACTIVITY is  
    NULL then 0 else 1 end)/count(1) as Pass_PCT,  
    sum(case when HIGH_VALUE_ACTIVITY is NULL  
    then 1 else 0 end)/count(1) as Fail_PCT, sum(case  
when HIGH_VALUE_ACTIVITY is NULL then 0 else  
    1 end) as Pass_Count, sum(case when  
HIGH_VALUE_ACTIVITY is NULL then 1 else 0 end)  
as Fail_Count, count(1) as Records_Tested from  
"PCARW"."PUBLIC"."VW_FACT_ACTIVITY";
```

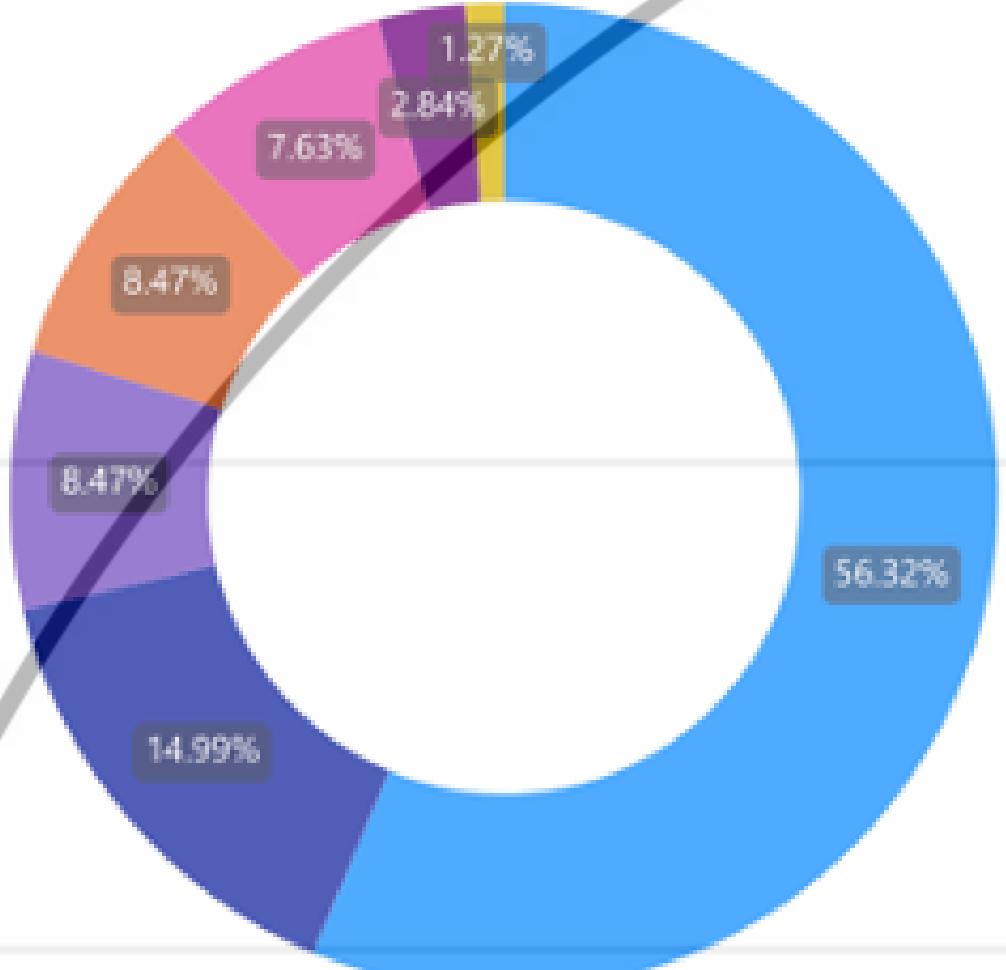








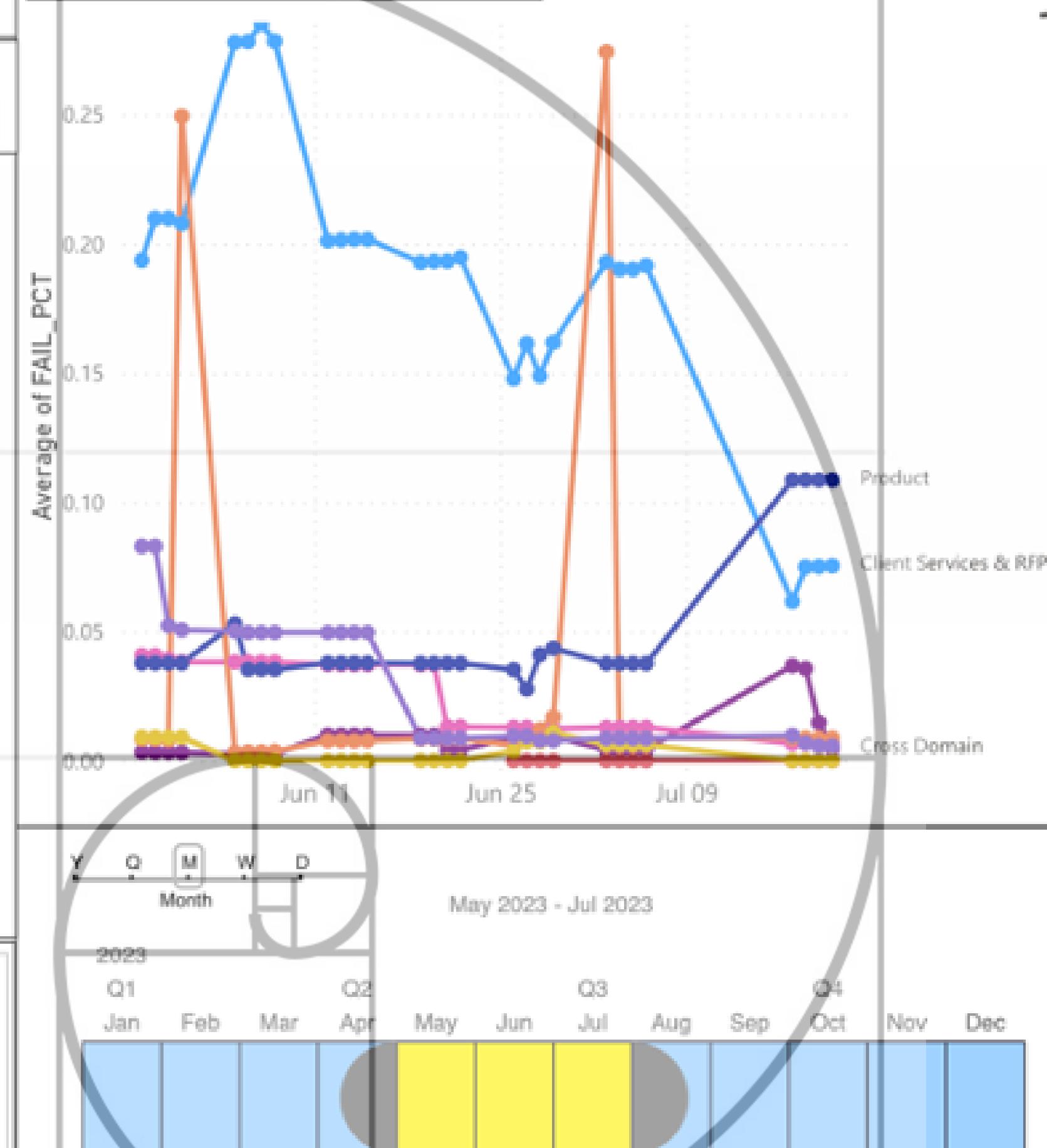
FAIL % BY DOMAIN



DQ Dimension

Process

TREND OF FAIL RECORDS



Reset
↶

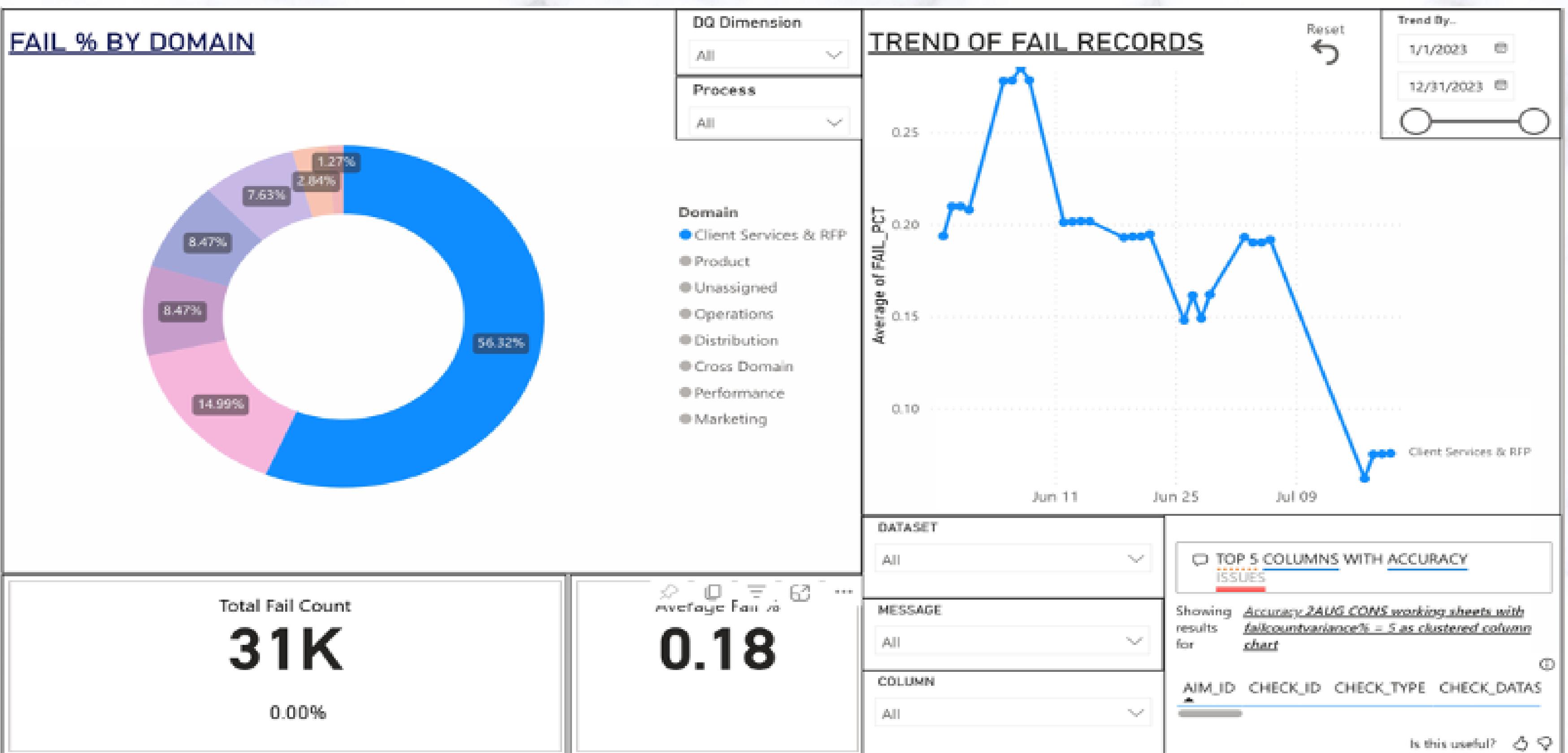
Total Fail Count

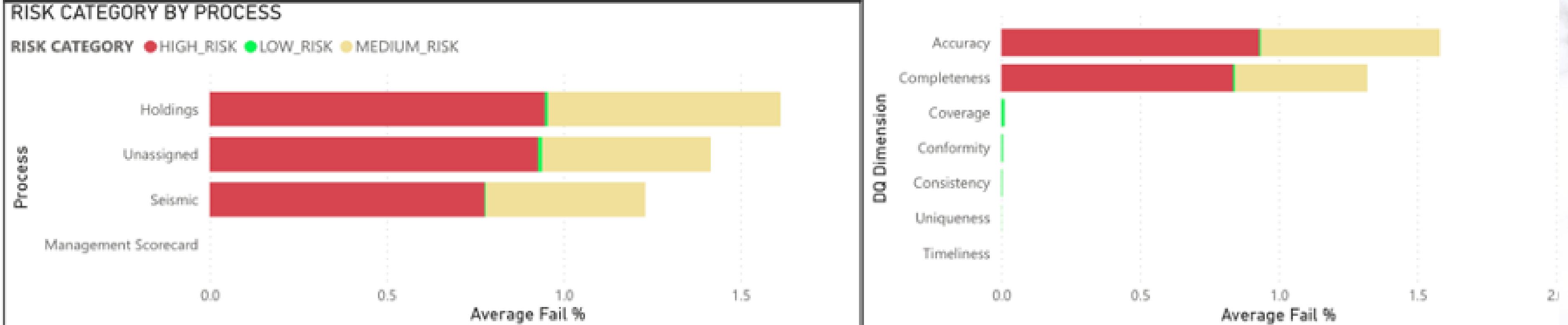
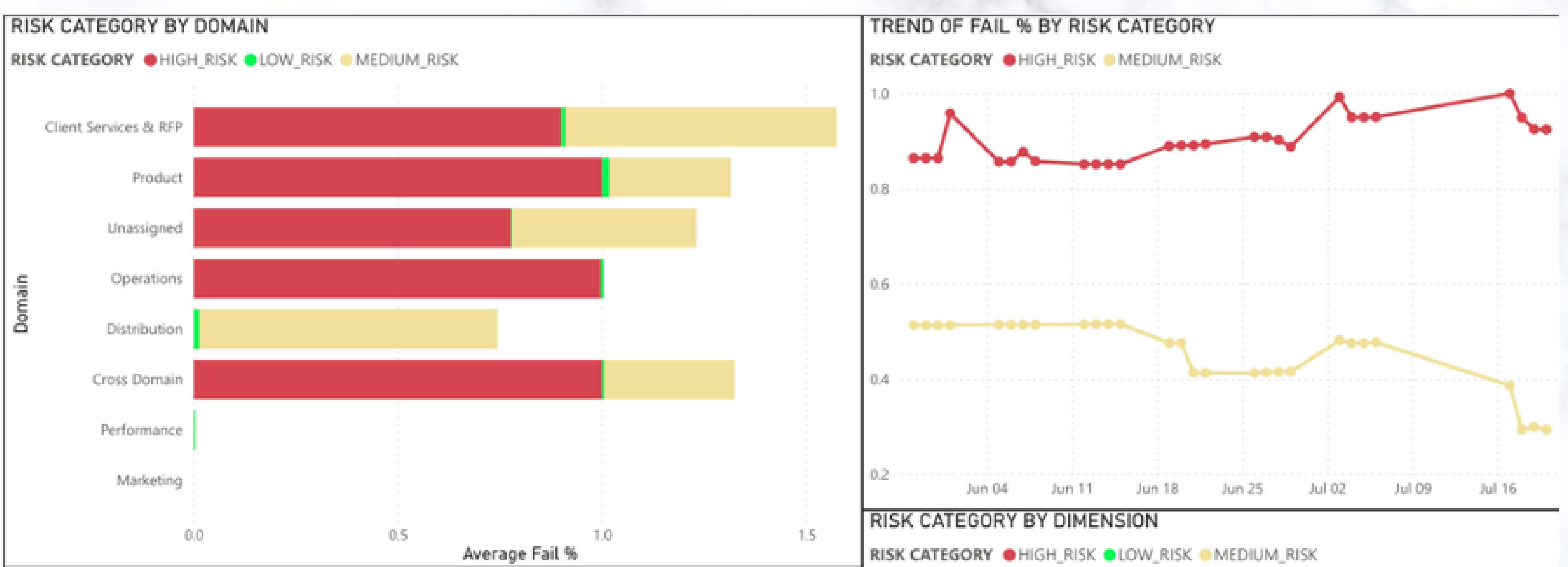
605M

↑ 10.11%

Average Fail %

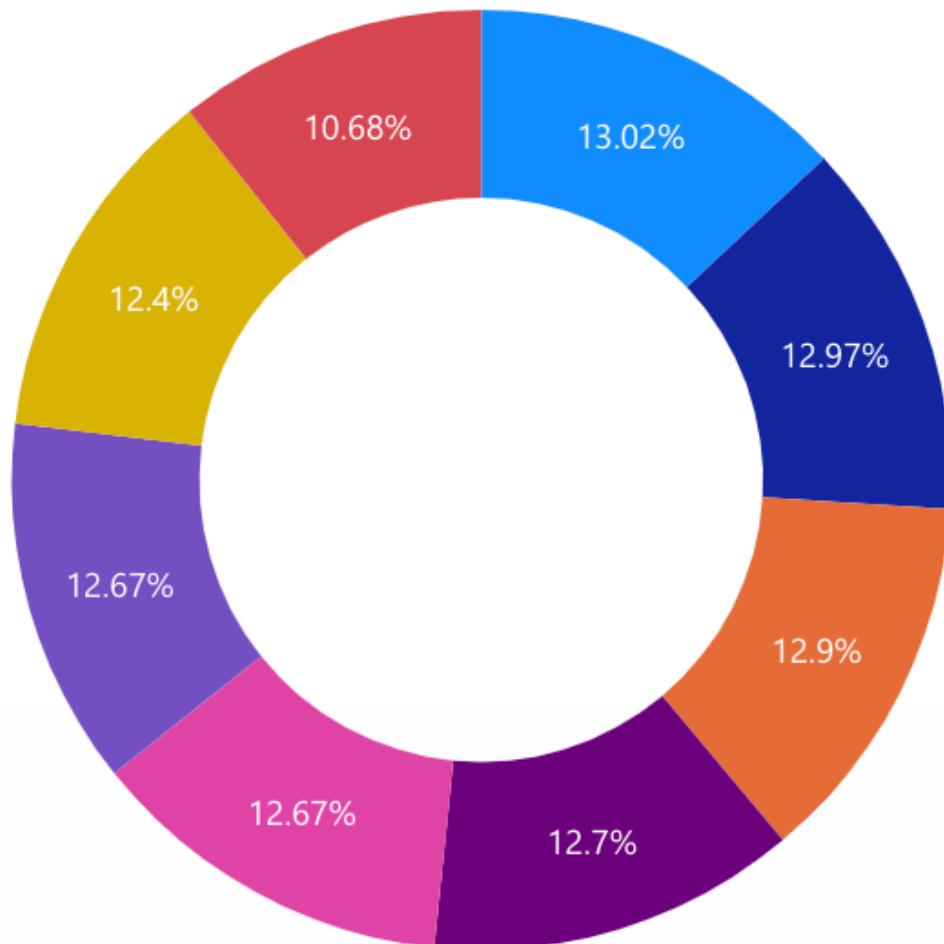
0.03





Reset
↶

PASS % BY DOMAIN

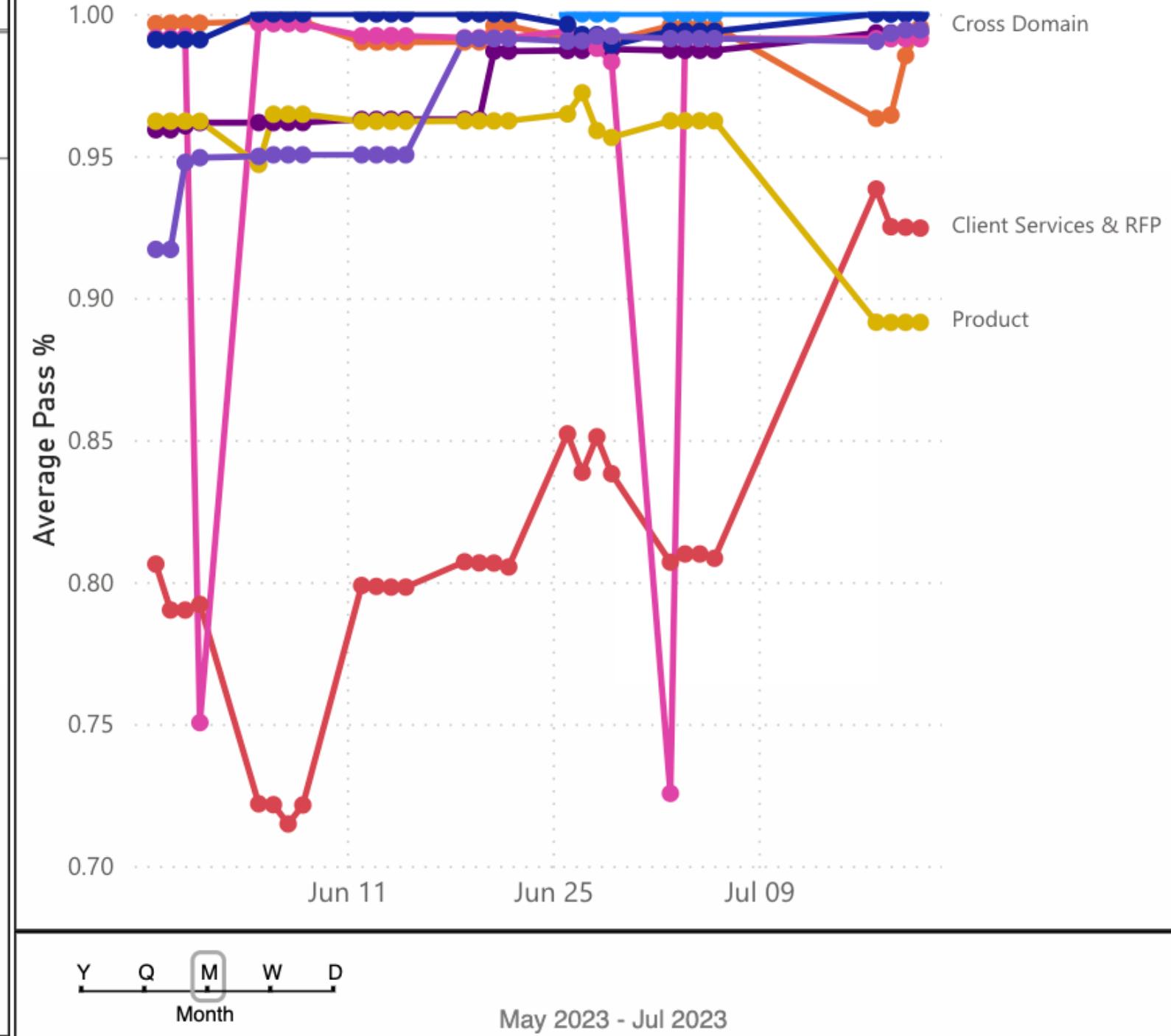


DQ Dimension
All

Process
All

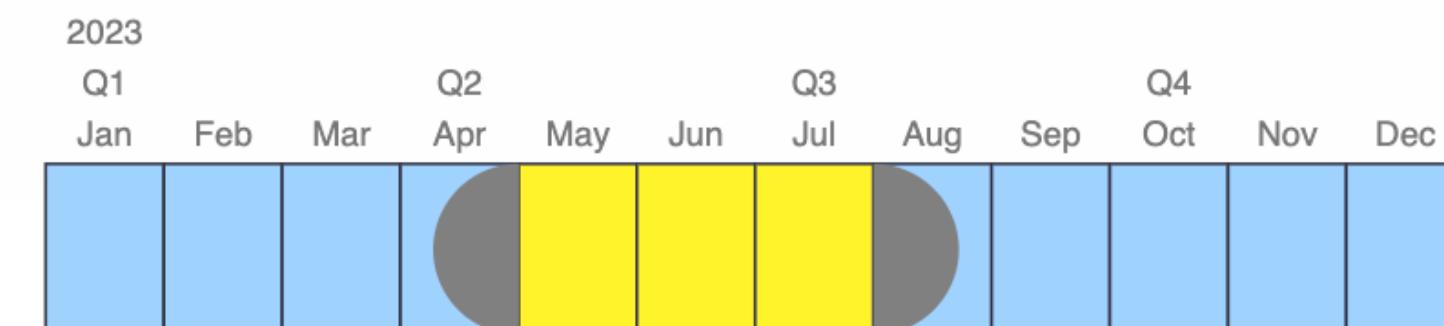
- Domain**
- Marketing
 - Performance
 - Cross Domain
 - Distribution
 - Operations
 - Unassigned
 - Product
 - Client Services & RFP

TREND OF PASS RECORDS



Y Q M W D

May 2023 - Jul 2023



Total Pass Count

17bn

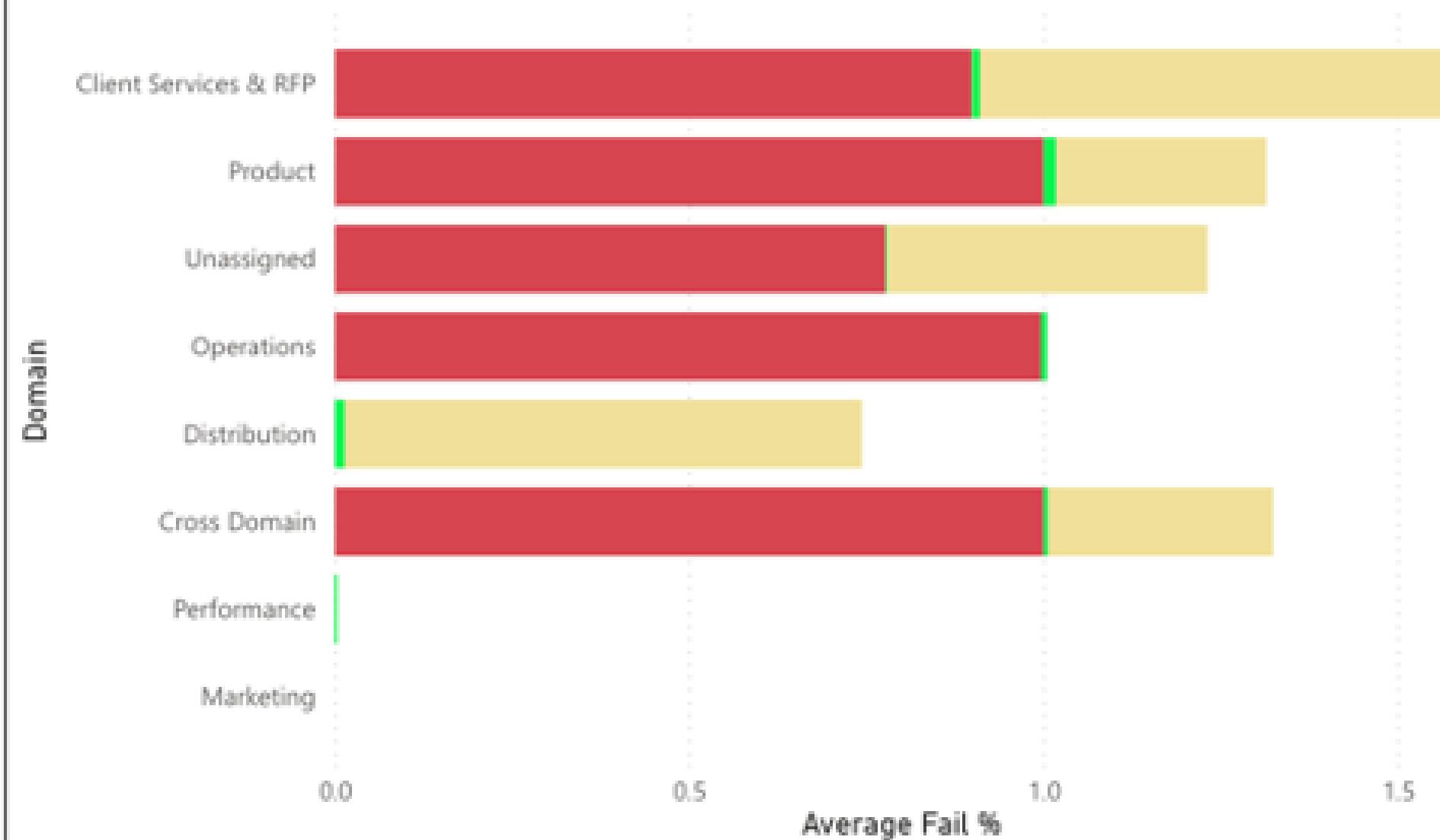
↑ 43.52%

Average Pass %

0.97

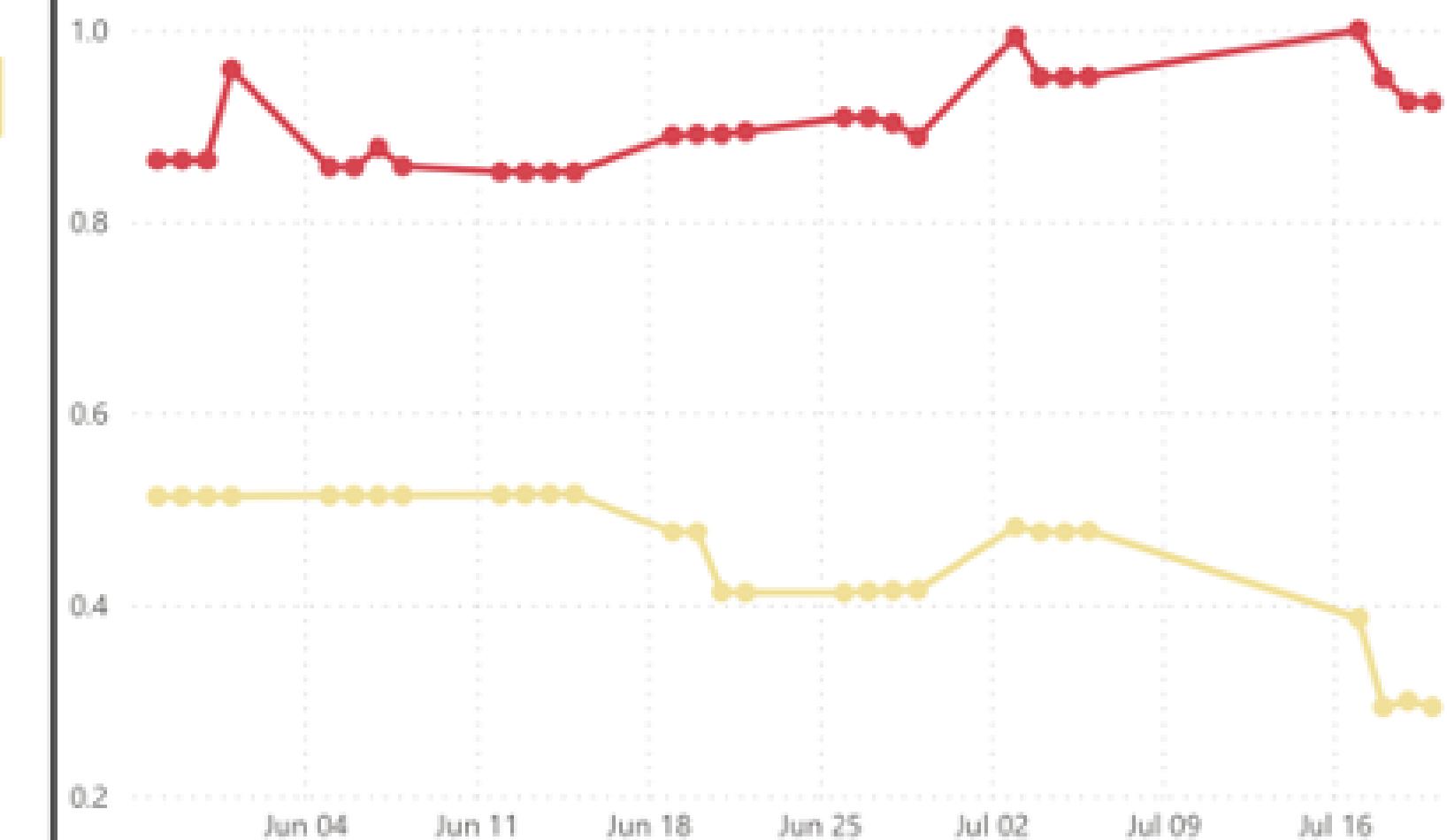
RISK CATEGORY BY DOMAIN

RISK CATEGORY ● HIGH_RISK ● LOW_RISK ● MEDIUM_RISK



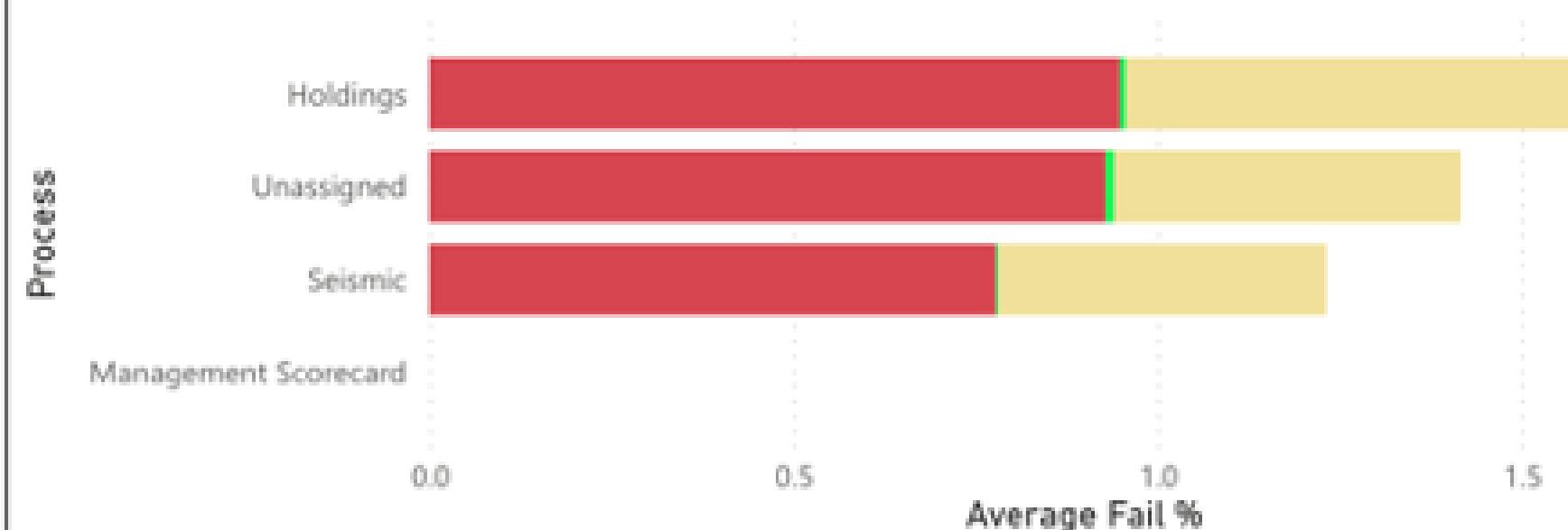
TREND OF FAIL % BY RISK CATEGORY

RISK CATEGORY ● HIGH_RISK ● MEDIUM_RISK



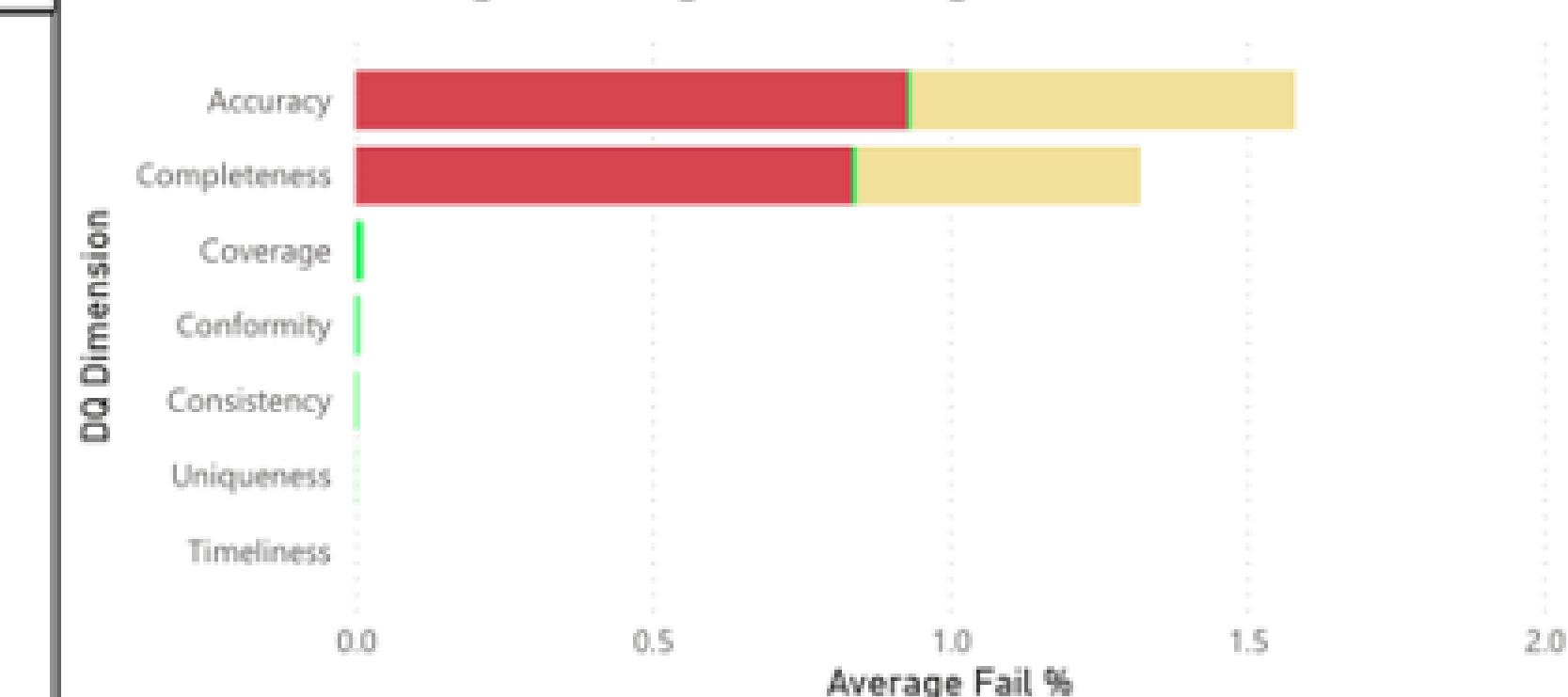
RISK CATEGORY BY PROCESS

RISK CATEGORY ● HIGH_RISK ● LOW_RISK ● MEDIUM_RISK



RISK CATEGORY BY DIMENSION

RISK CATEGORY ● HIGH_RISK ● LOW_RISK ● MEDIUM_RISK



DECOMPOSITION TREE

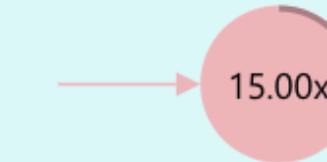


Key influencers Top segments

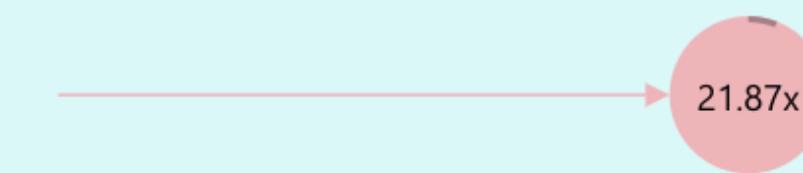
What influences RISK CATEGORY to be HIGH_RISK

When...

DQ Dimension is Accuracy



Domain is Client Services & RFP

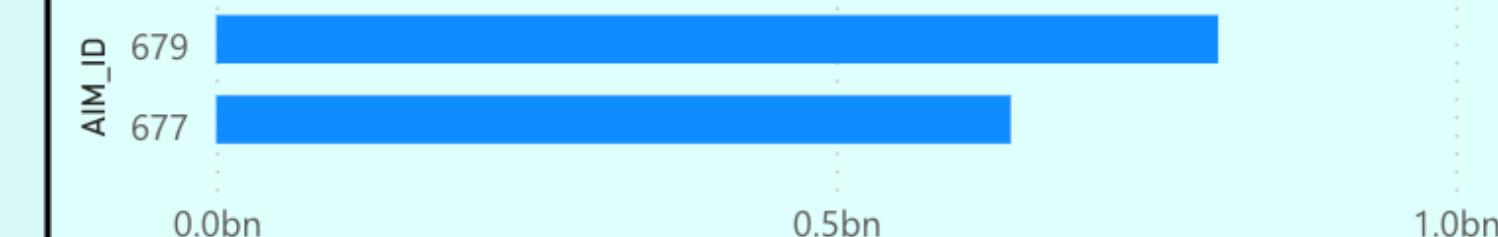


Sort by: Impact Count

top aim ids by passcounts

Showing results for

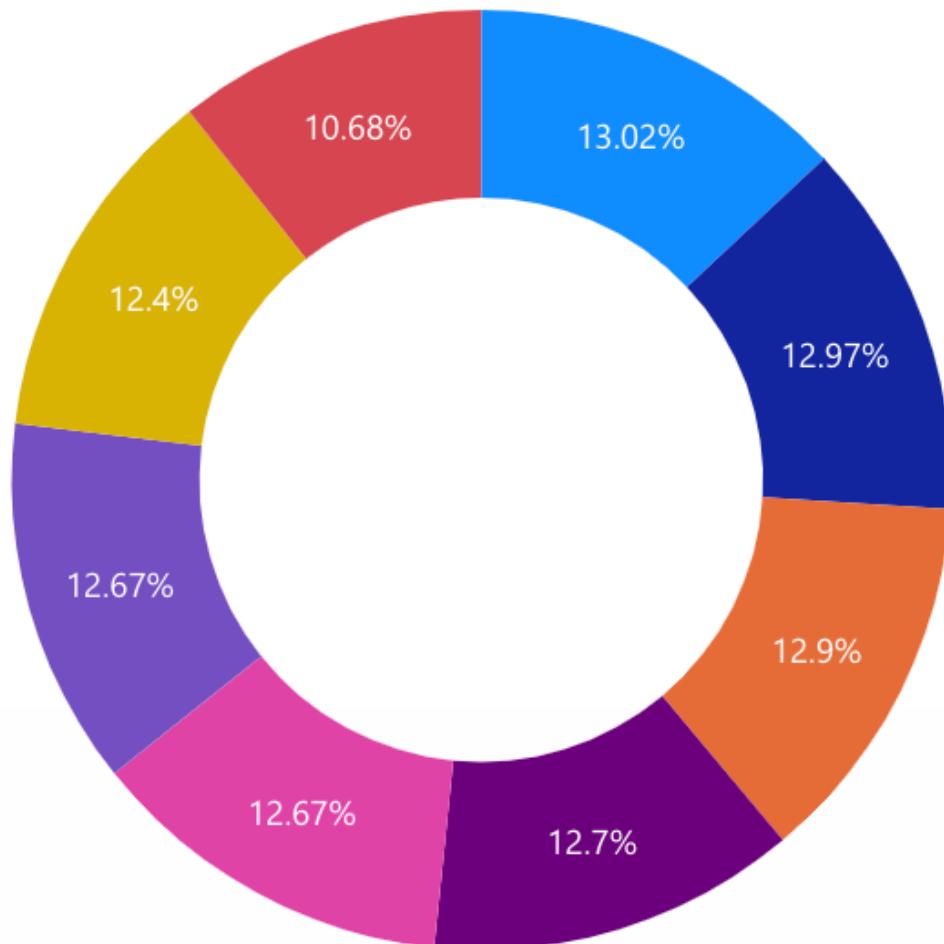
Top 10 aim id of 2AUG CONS working sheets by passcounts of those 2AUG CONS working sheets



Is this useful?

Reset
↶

PASS % BY DOMAIN

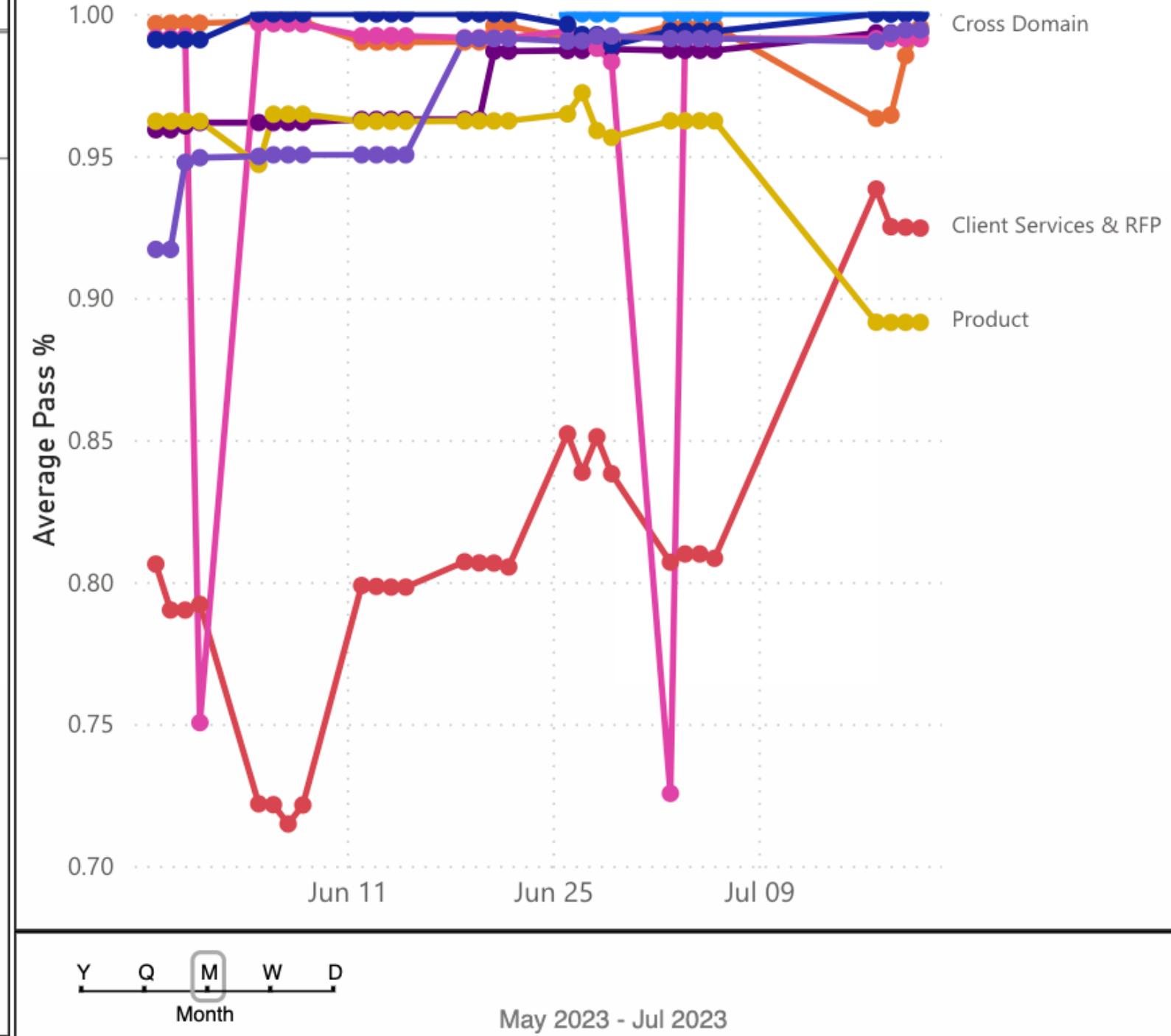


DQ Dimension
All

Process
All

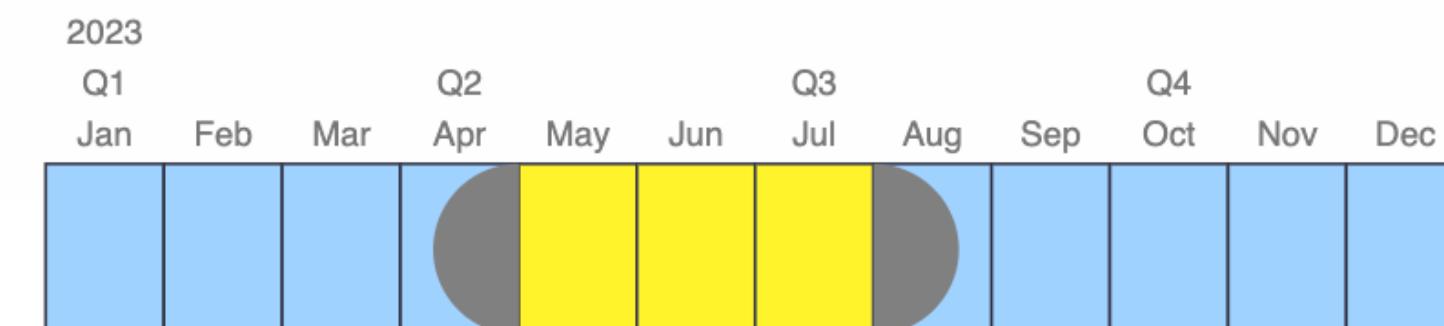
- Domain**
- Marketing
 - Performance
 - Cross Domain
 - Distribution
 - Operations
 - Unassigned
 - Product
 - Client Services & RFP

TREND OF PASS RECORDS



Y Q M W D

May 2023 - Jul 2023



Total Pass Count

17bn

↑ 43.52%

Average Pass %

0.97

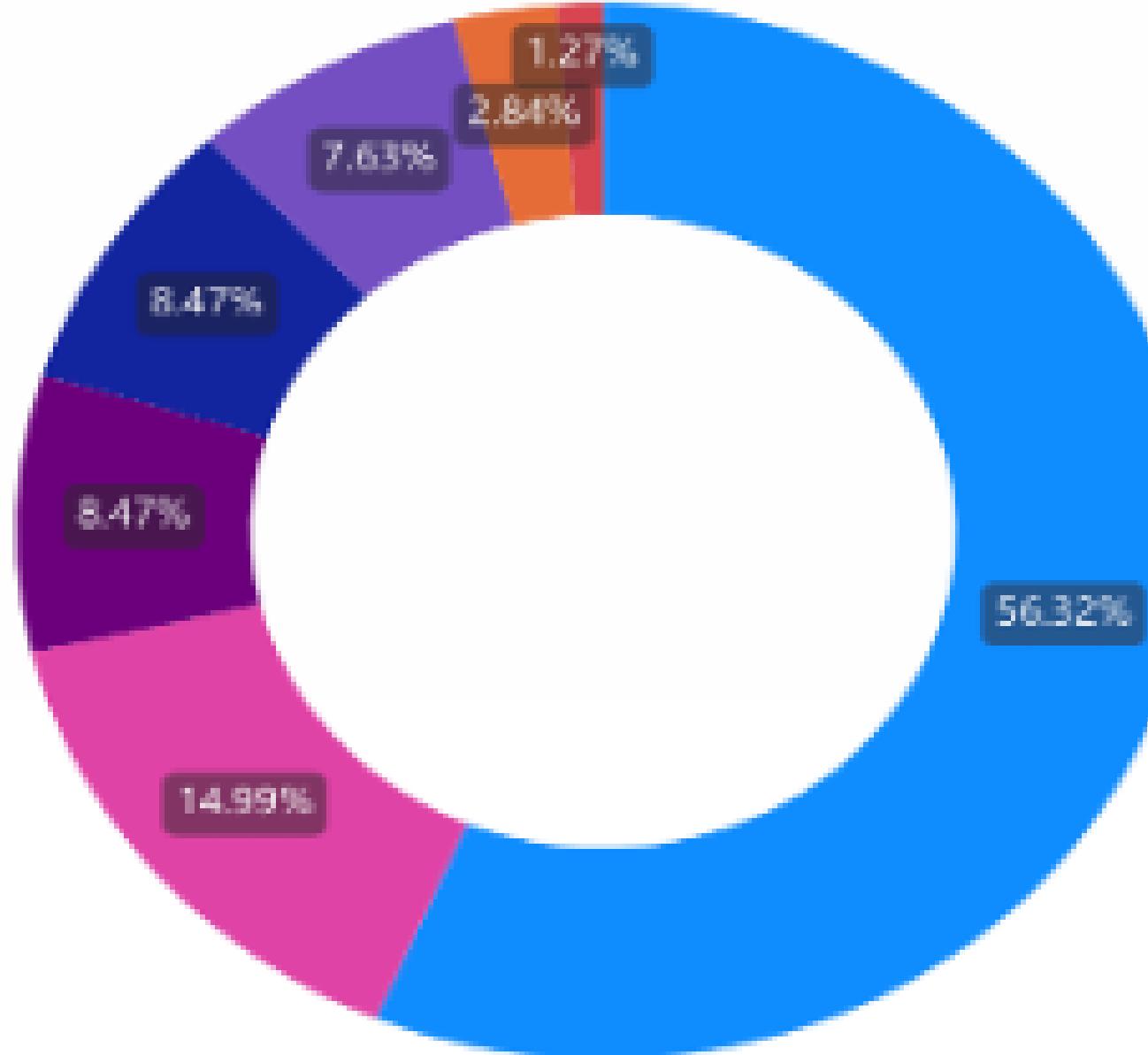
FAIL % BY DOMAIN

DO Dimension

All

Process

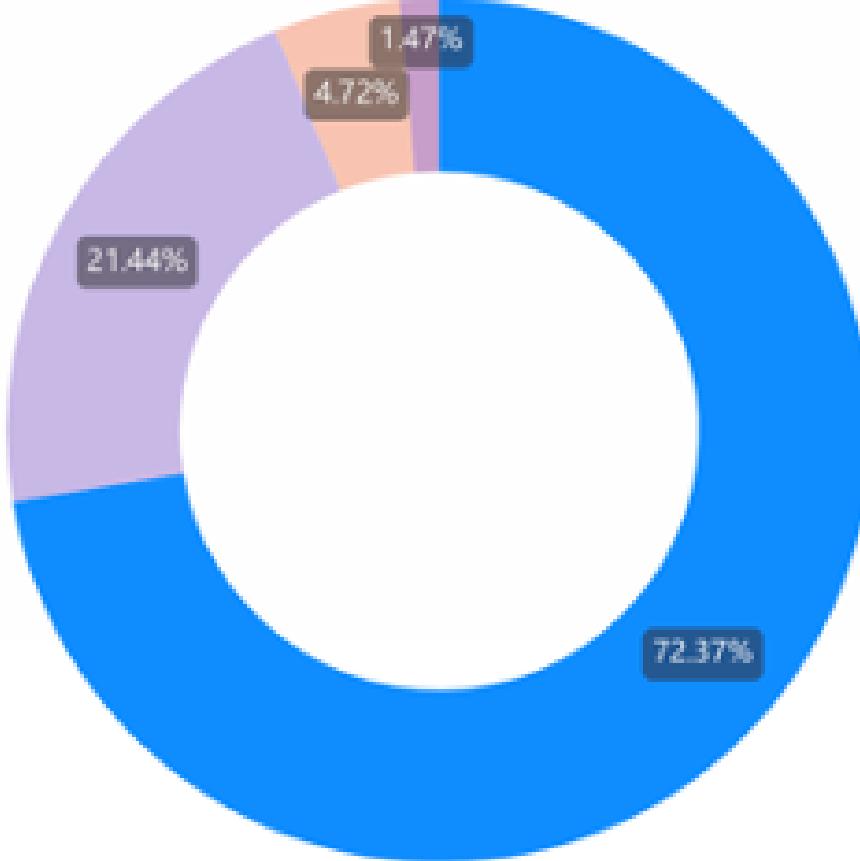
All



Domain

- Client Services & RFP
- Product
- Unassigned
- Operations
- Distribution
- Cross Domain
- Performance
- Marketing

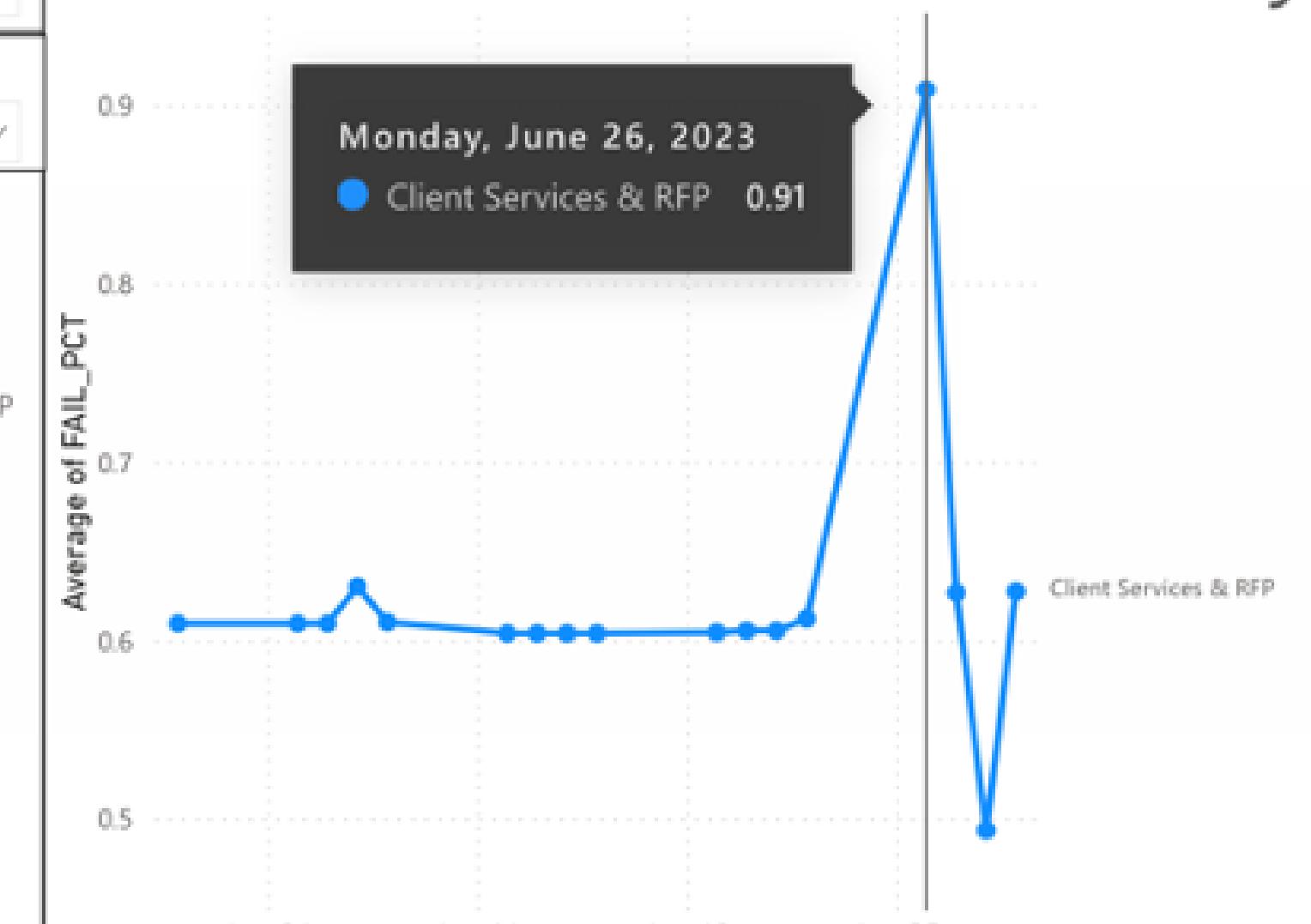
FAIL % BY DOMAIN



DQ Dimension

Process

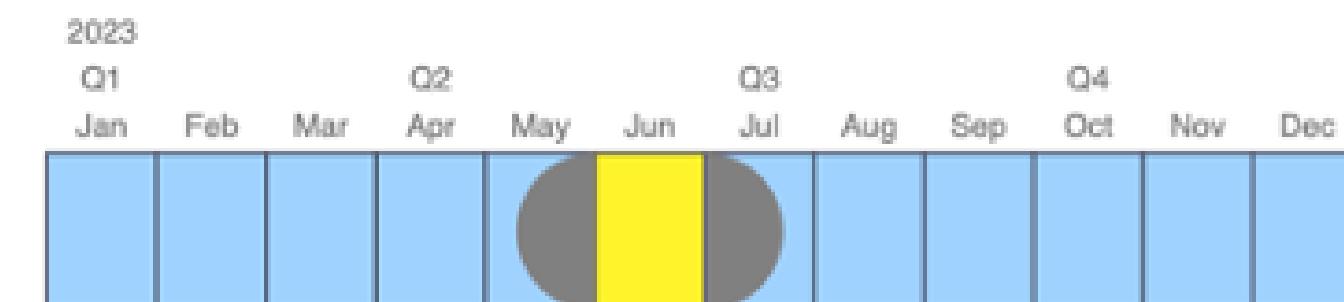
TREND OF FAIL RECORDS



Y Q M W D

Month

Jun 2023 - Jun 2023



Reset

Total Fail Count

605M

↑ 10.11%

Average Fail %

0.03

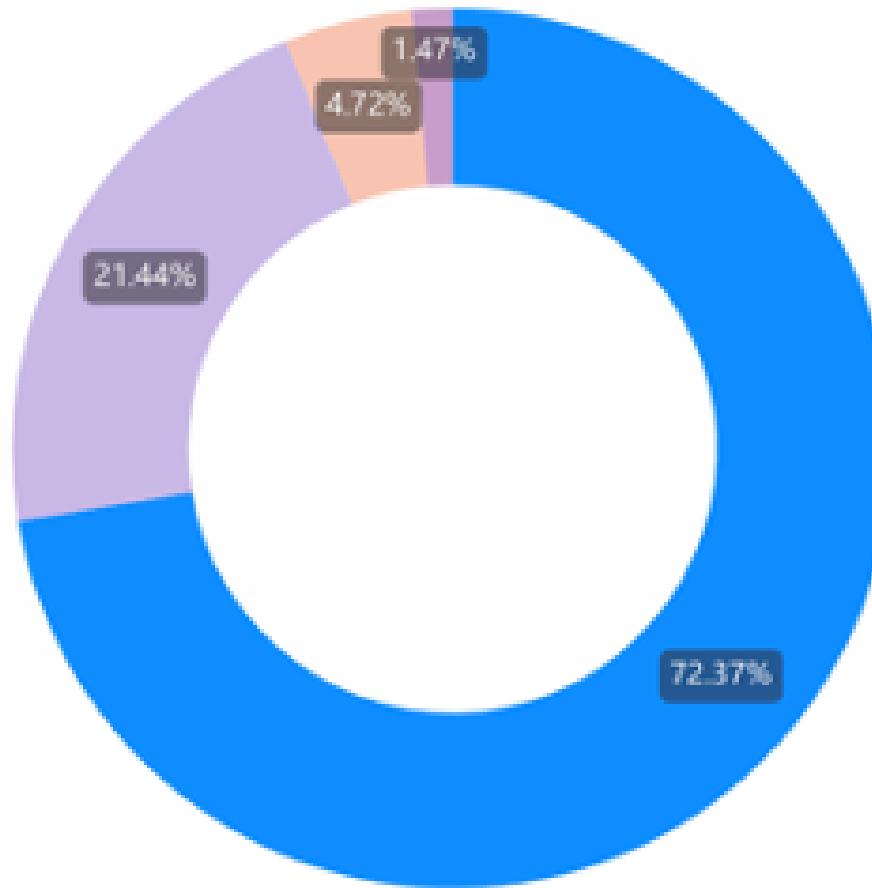
FAIL % BY DOMAIN

DQ Dimension

Accuracy

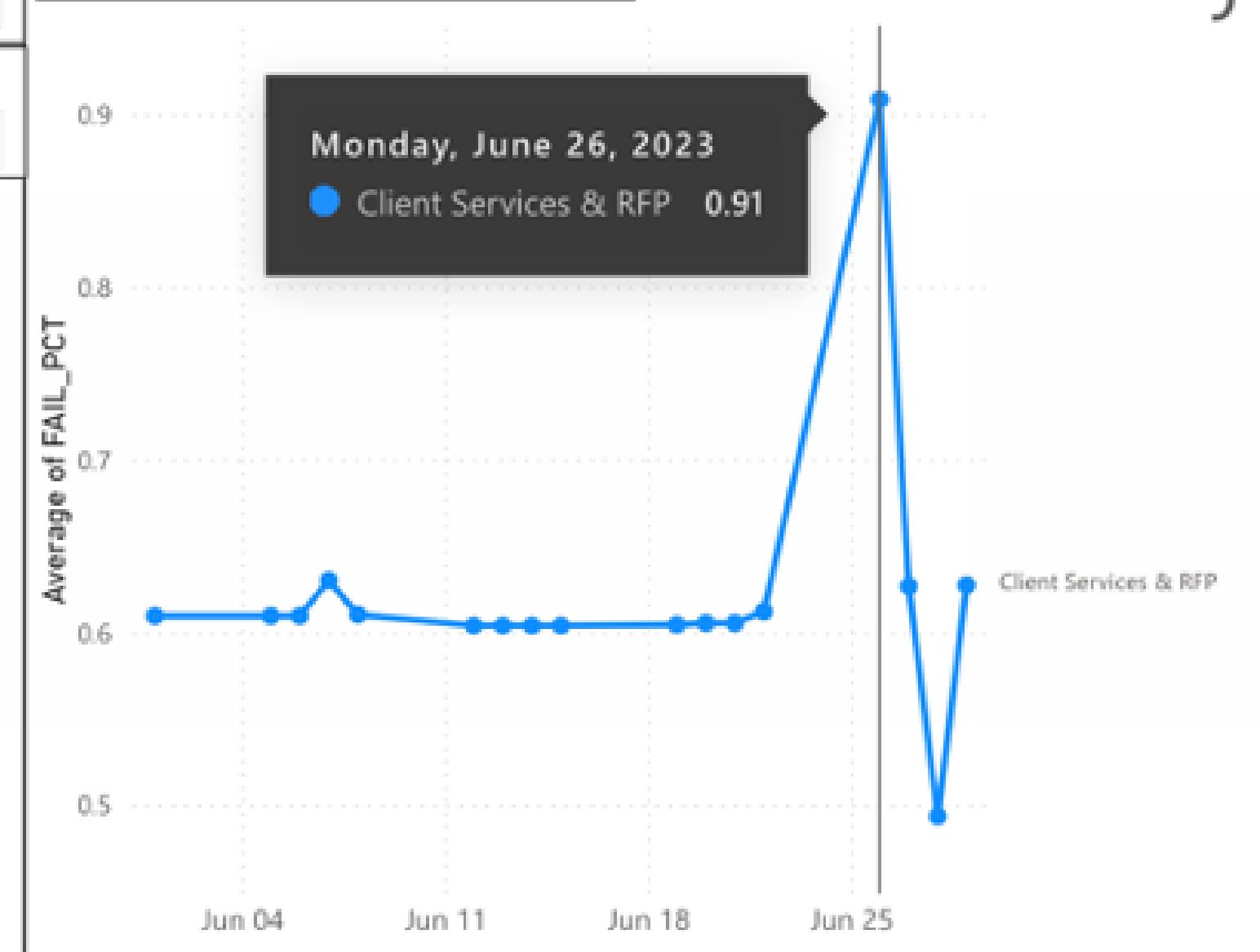
Process

All



- Domain
- Client Services & RFP
 - Unassigned
 - Operations
 - Cross Domain
 - Distribution
 - Marketing
 - Performance

TREND OF FAIL RECORDS



Y Q M W D

Month

Jun 2023 - Jun 2023

Total Fail Count

2K

↑ 517.05%

Average Fail %

0.61

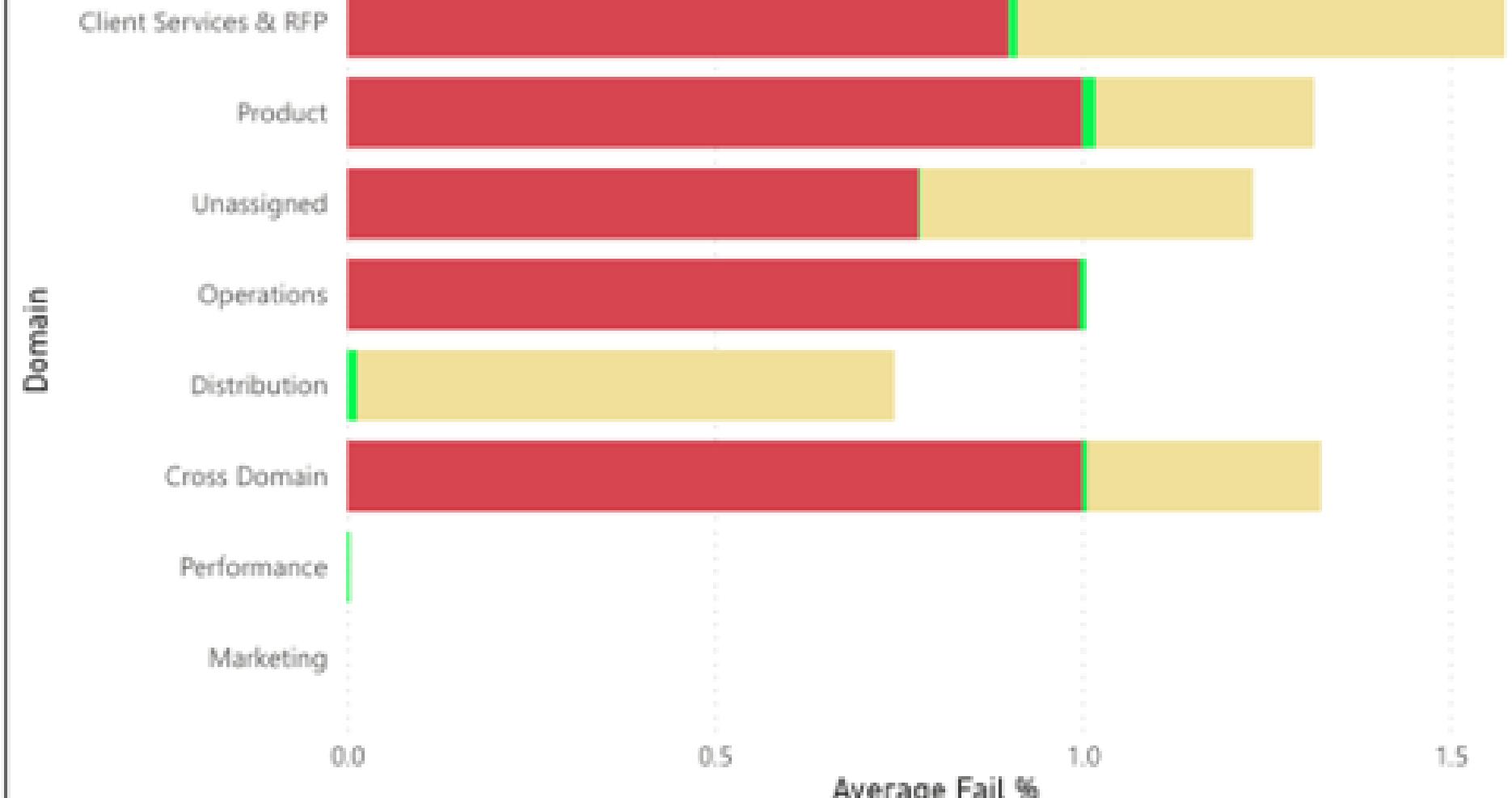
2023



Reset
↶

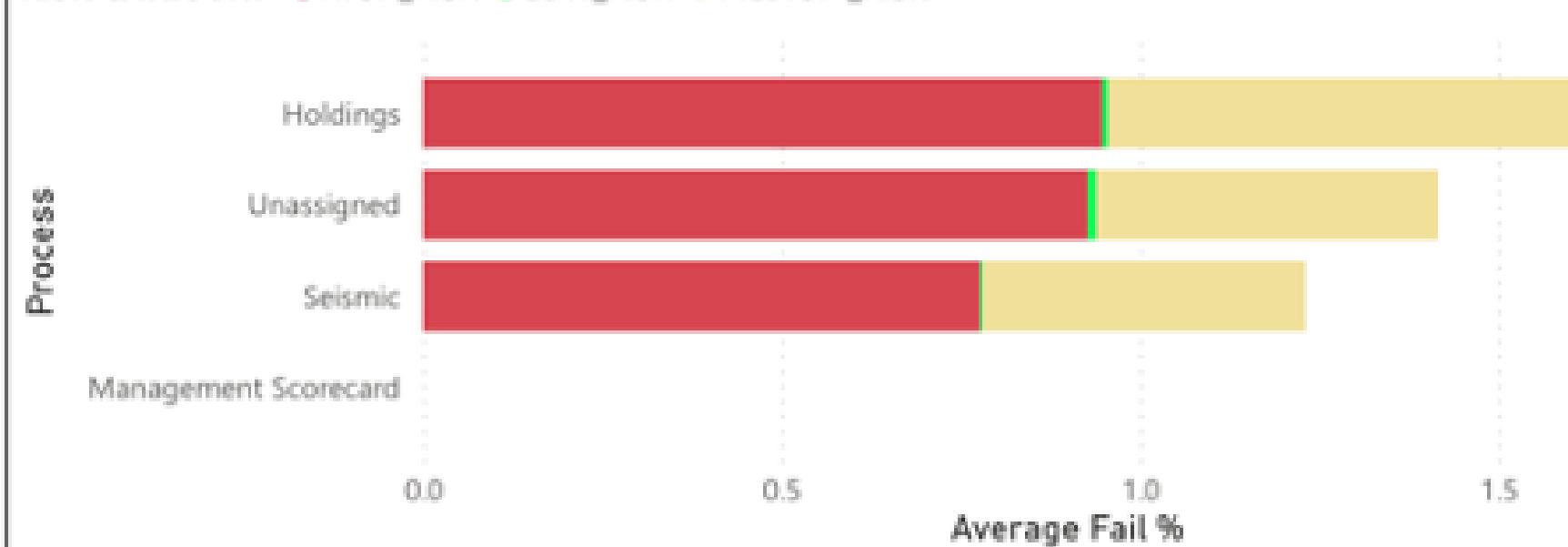
RISK CATEGORY BY DOMAIN

RISK CATEGORY • HIGH_RISK • LOW_RISK • MEDIUM_RISK



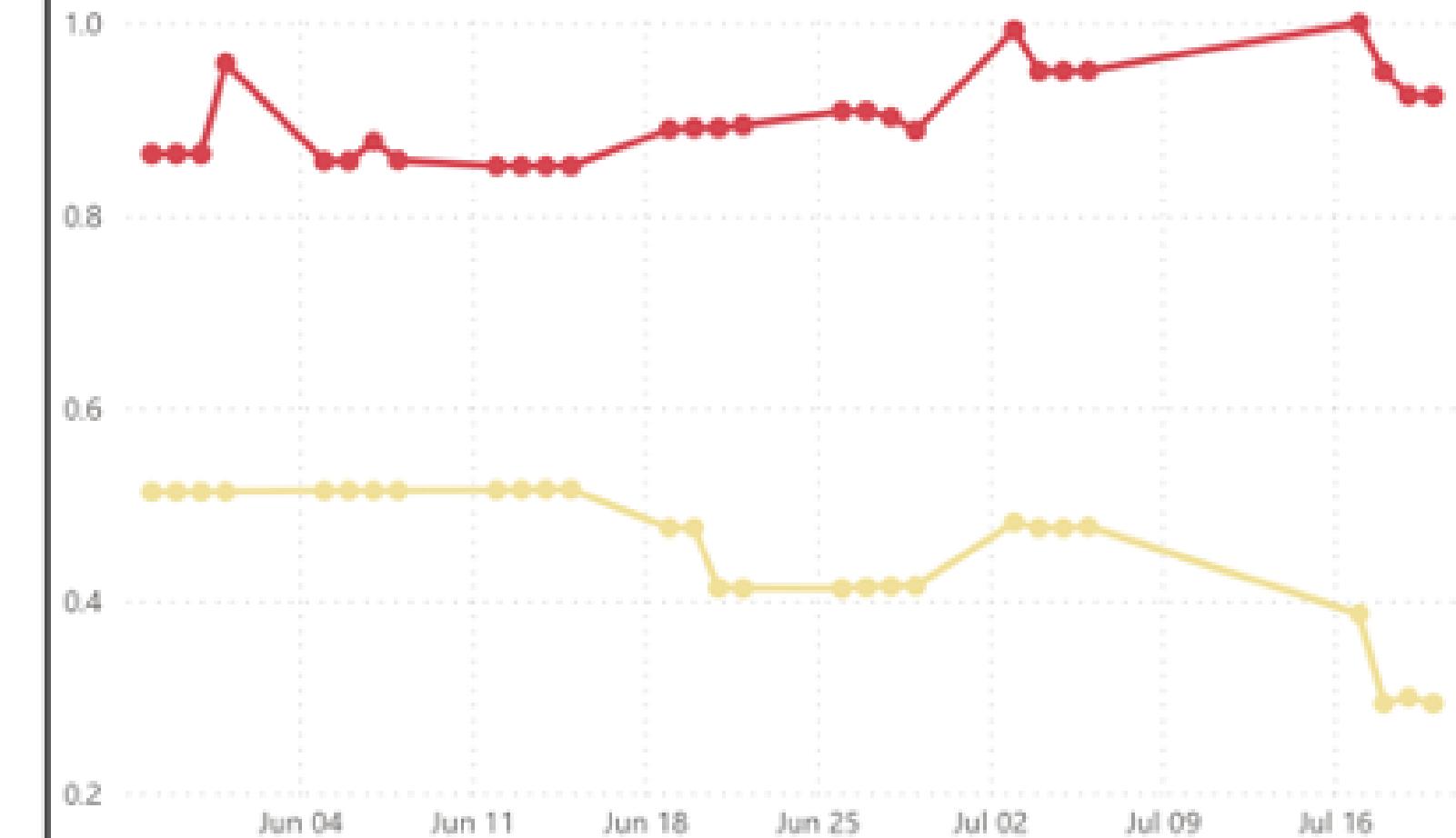
RISK CATEGORY BY PROCESS

RISK CATEGORY • HIGH_RISK • LOW_RISK • MEDIUM_RISK



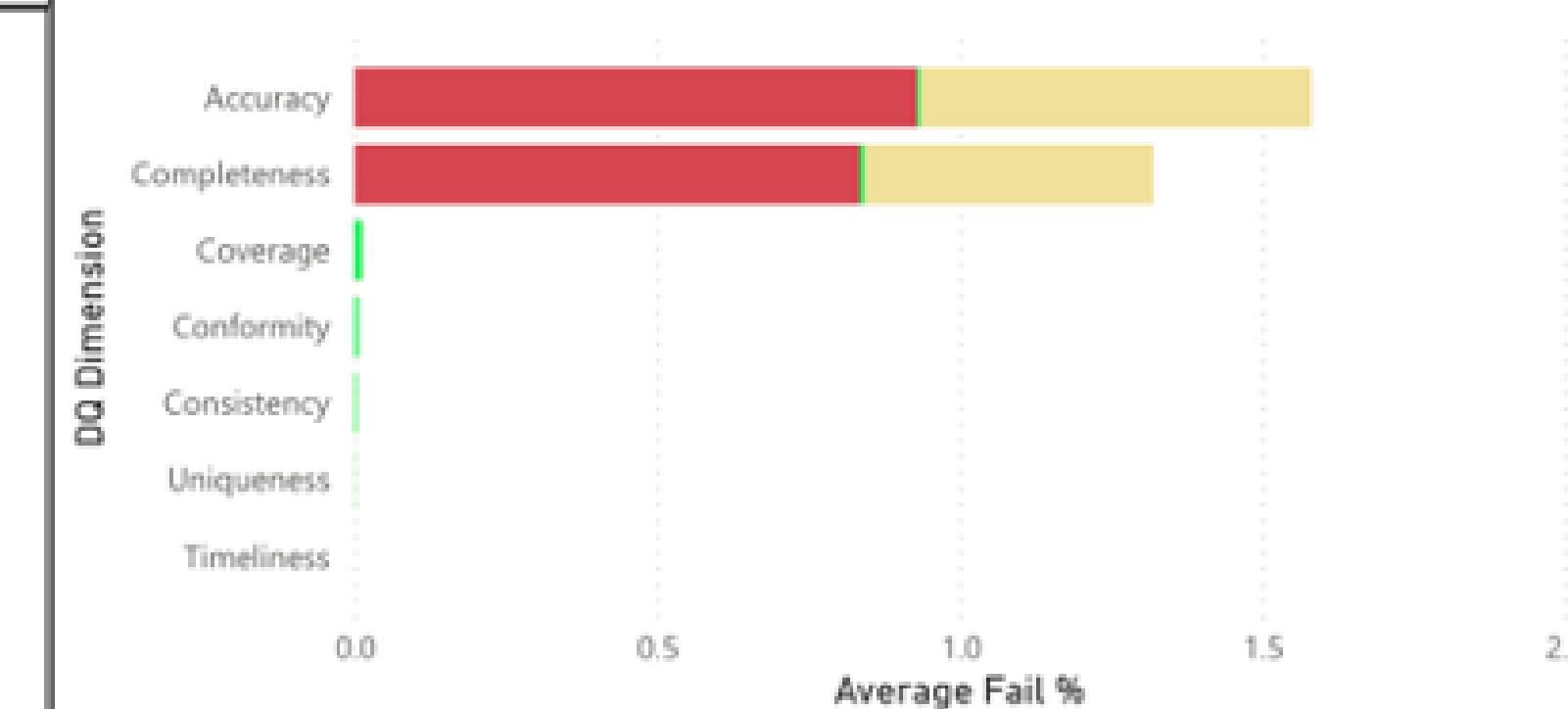
TREND OF FAIL % BY RISK CATEGORY

RISK CATEGORY • HIGH_RISK • MEDIUM_RISK



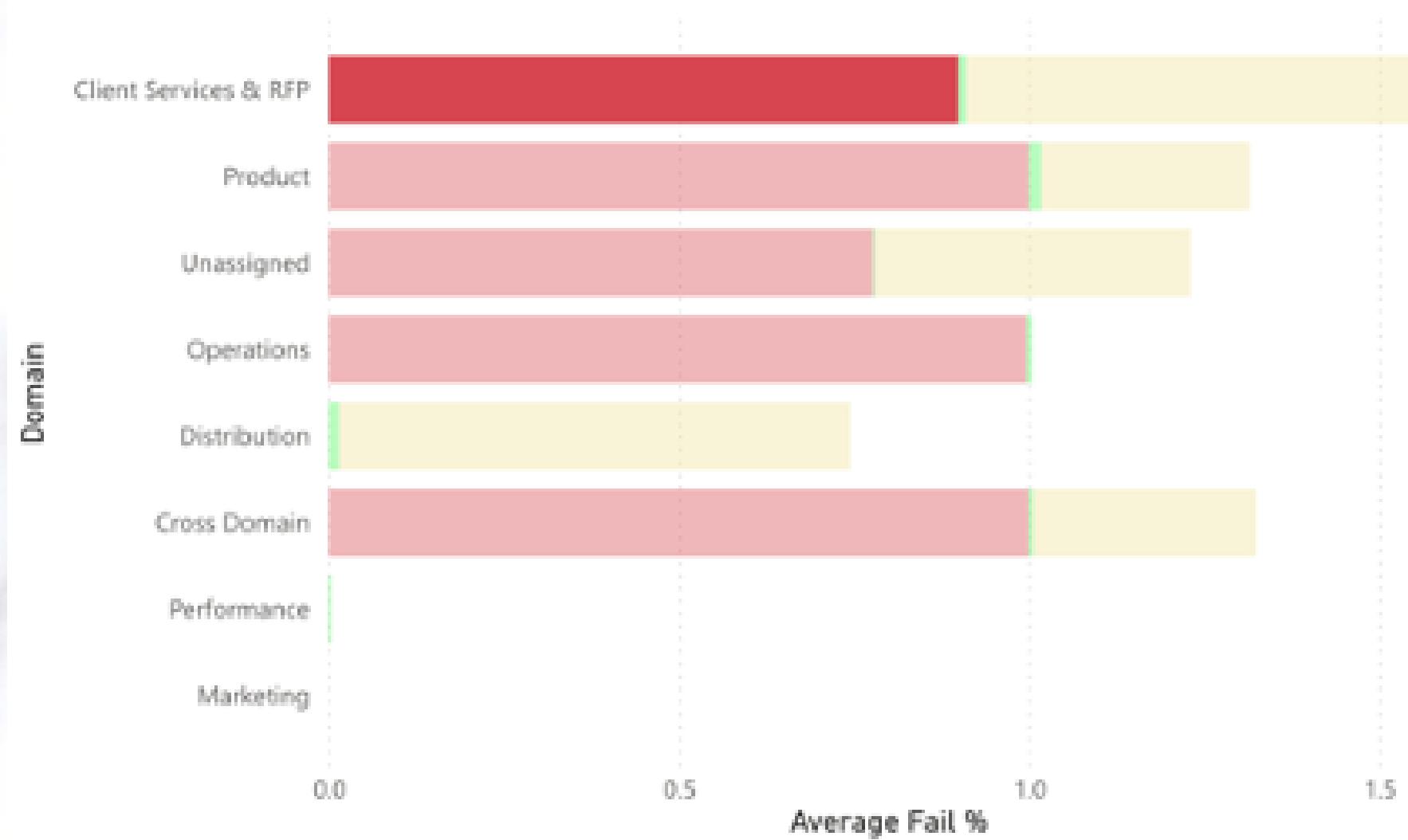
RISK CATEGORY BY DIMENSION

RISK CATEGORY • HIGH_RISK • LOW_RISK • MEDIUM_RISK



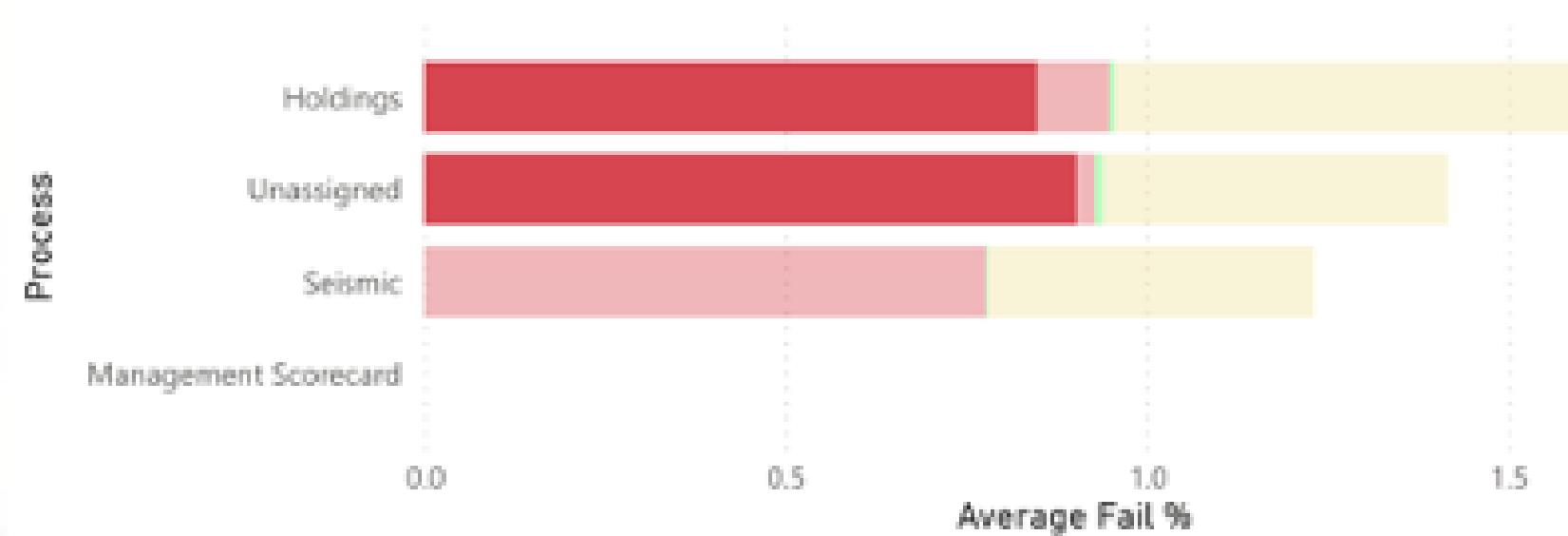
RISK CATEGORY BY DOMAIN

RISK CATEGORY ● HIGH_RISK ● LOW_RISK ● MEDIUM_RISK



RISK CATEGORY BY PROCESS

RISK CATEGORY ● HIGH_RISK ● LOW_RISK ● MEDIUM_RISK



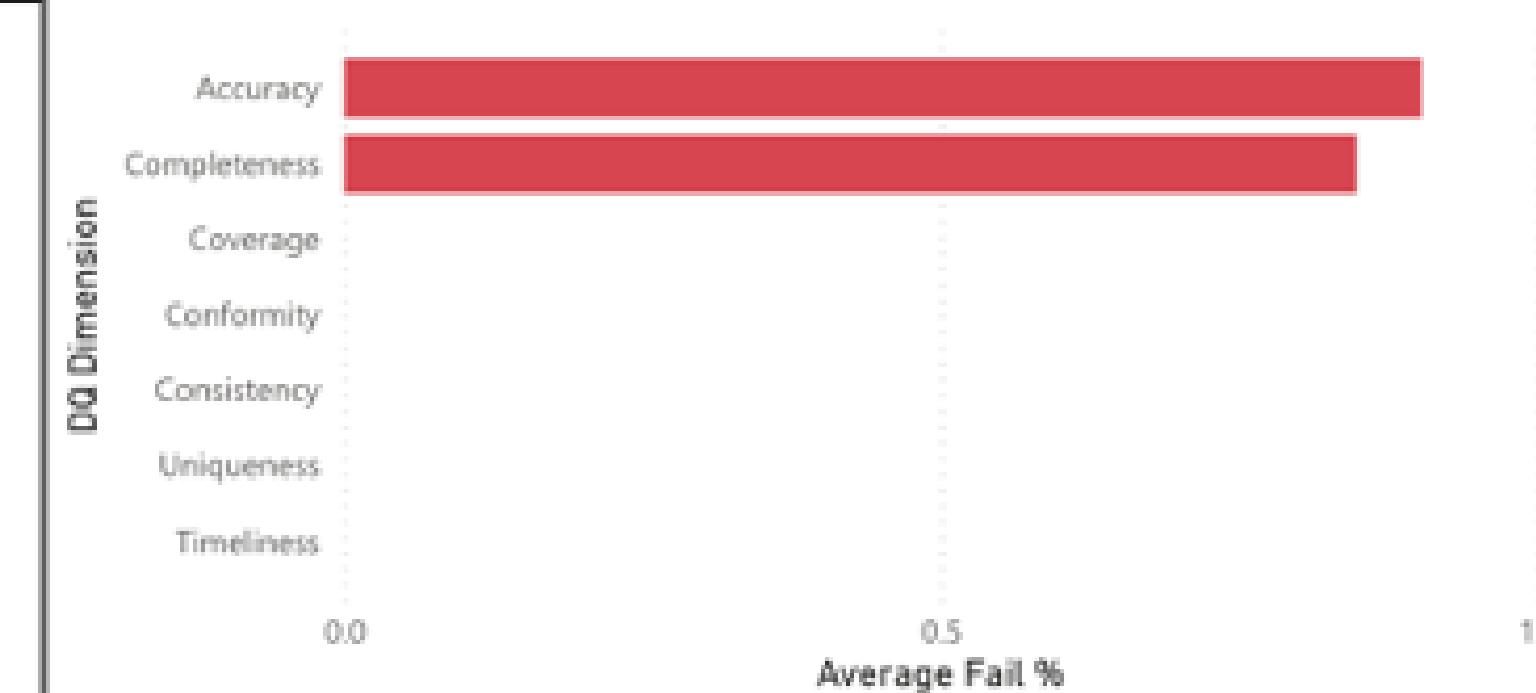
TREND OF FAIL % BY RISK CATEGORY

RISK CATEGORY ● HIGH_RISK



RISK CATEGORY BY DIMENSION

RISK CATEGORY ● HIGH_RISK ● LOW_RISK ● MEDIUM_RISK



DECOMPOSITION TREE



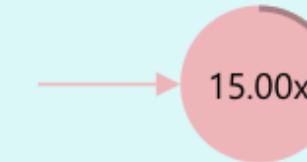
Key influencers Top segments

What influences RISK CATEGORY to be HIGH_RISK ▼ ?

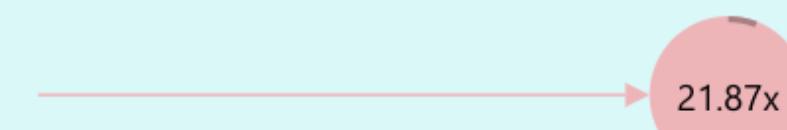


....the likelihood of RISK CATEGORY being HIGH_RISK increases by

DQ Dimension is Accuracy



Domain is Client Services & RFP

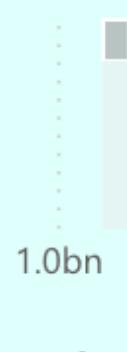
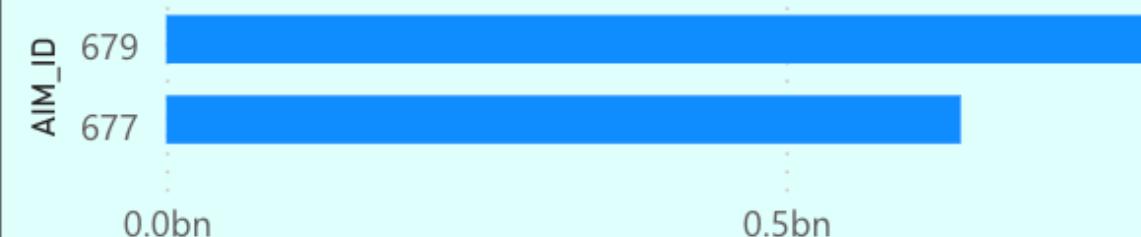


Sort by: Impact Count

top aim ids by passcounts

Showing results for

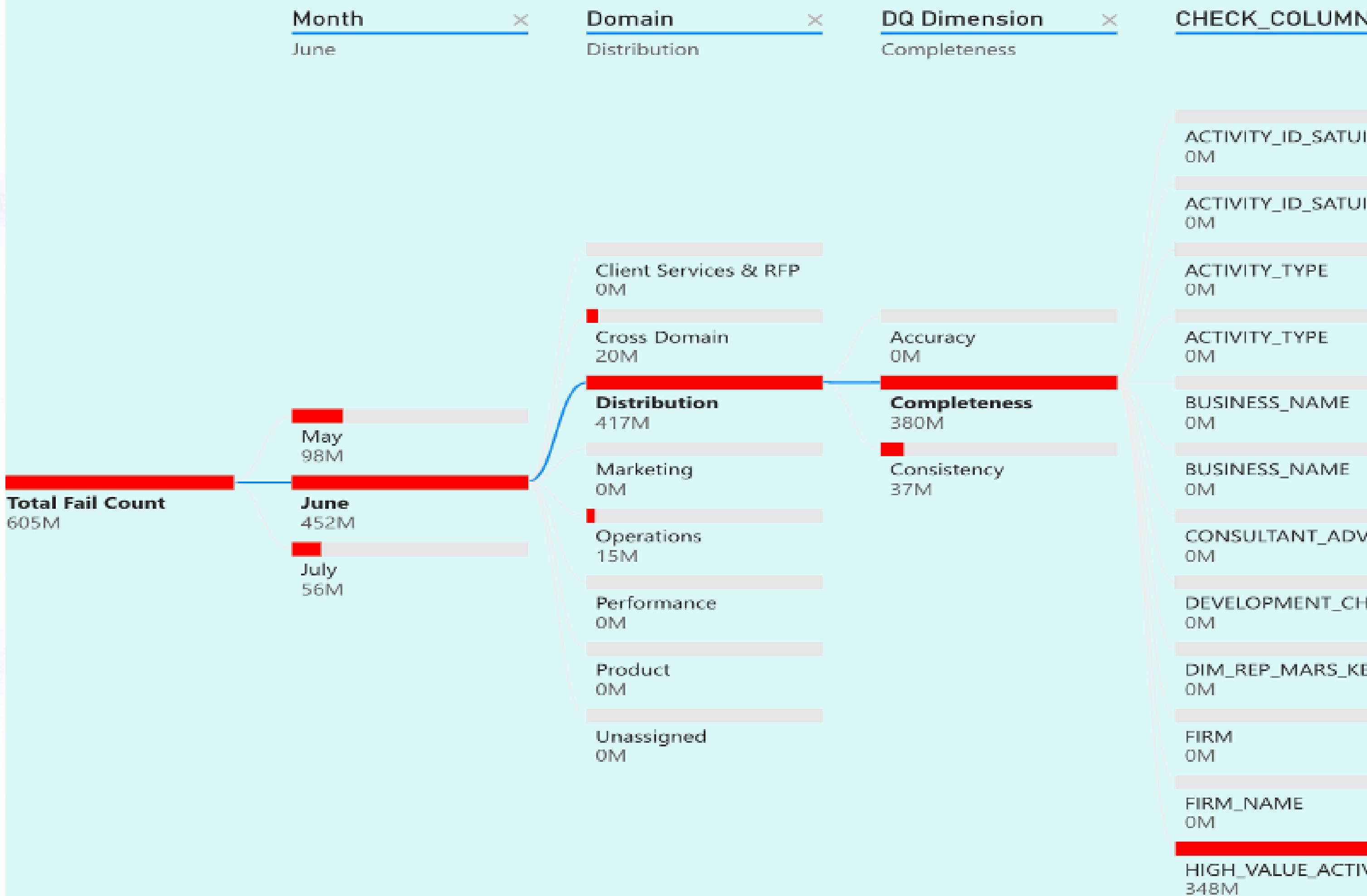
Top 10 aim id of 2AUG CONS working sheets by passcounts of those 2AUG CONS working sheets



Is this useful? Like Dislike



DECOMPOSITION TREE



Key influencers Top segments



What influences RISK CATEGORY to be

HIGH_RISK



?

When...

...the likelihood of RISK
CATEGORY being
HIGH_RISK increases by

DQ Dimension is Accuracy

15.00x

Domain is Client Services &
RFP

21.87x

Sort by: Impact Count

top aim ids by passcounts

X

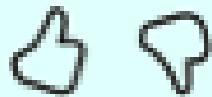
Showing results for

Top 10 aim id of 2AUG CONS working sheets by passcounts of those 2AUG CONS working sheets

i



Is this useful?



OUR LEARNINGS FROM THE DATA

- DOMAIN: 90% (545M out of 605M) of failures occur under ‘Distribution’.
- DIMENSION: 89% (540M out of 605M) happens to be ‘Completeness’ mismatches.
- PROCESS: 95% (572M out of 605M) does not have any Process assigned to it (Unassigned).
- MONTH: Highest number of errors occurred during June 2023, with 41M Fail Records on 19th June.

LEARNINGS ... continued

- **DATASETS:** 3 Datasets are responsible for the bulk of the errors
(PUBLIC.VW_FACT_ACTIVITY (405M), PCARW.VW_FACT_ACTIVITY (104M)
PUBLIC.VW_FACT_HOLDING_EQ_MONTHLY (55M)
- **SYSTEM:** ALL the errors are from ARW
- **COLUMN:** **HIGH_VALUE_ACTIVITY** in the dataset
PUBLIC.VW_FACT_ACTIVITY is responsible for 72 % (440M out of 605M) of errors.
- **SQL:** This one SQL command is behind 69% (416M out of 605M) errors...

```
select sum(case when HIGH_VALUE_ACTIVITY is  
    NULL then 0 else 1 end)/count(1) as Pass_PCT,  
    sum(case when HIGH_VALUE_ACTIVITY is NULL  
    then 1 else 0 end)/count(1) as Fail_PCT, sum(case  
when HIGH_VALUE_ACTIVITY is NULL then 0 else  
    1 end) as Pass_Count, sum(case when  
HIGH_VALUE_ACTIVITY is NULL then 1 else 0 end)  
as Fail_Count, count(1) as Records_Tested from  
"PCARW"."PUBLIC"."VW_FACT_ACTIVITY";
```

Our journey... from PROBLEM TO SOLUTION.

Thank You