Visualization Defects v1

There are 2 problems that need to be fixed in the current diagram before testing can resume.

Defect 1

The aggregations appear to be incorrect. In the example below, the MODULES table is showing an average sensitivity of 0 when we filter out the 0 values and only the MODULE_NAME entity (with a value of 5) remains. If the average was being calculated after filtering then it would be 5 and if it was calculated before filtering then it would be .38 (5/13). Either way, it shouldn't be 0.

To make things simple and keep them consistent, please calculate the average and sum when the data is loaded and don't recalculate when the data is filtered.
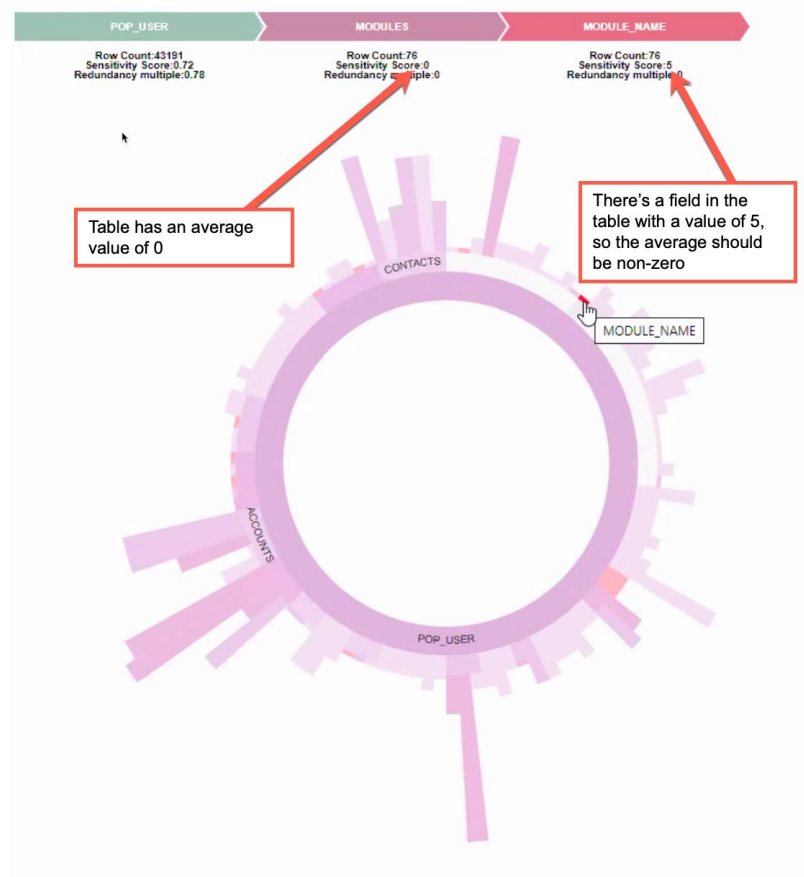

Diagram with 0 values filtered out

POP_USER
Row Count:43191
Sensitivity Score:0.20
Redundancy multiple:0.18

MODULES
Row Count:76
Sensitivity Score:0.42
Redundancy multiple:0.00

Data Selection

☐ Row Count
☑ Sensitivity
☑ Redundancy

Aggregate Data

Average ▼

Filter by Sensitivity

☑ 0 ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5

Row Counts

☐ Include tables with 0 rows

Filter Rings

☑ Data Store
☑ Data Collection
☑ Data Element

Legend

Length: RedundancyMultiple

Color: SensitivtyScore

0   5.00

IS_ADMIN   MODULE_NAME

IMPORT_ENABLED   DATE_ENTERED

SYNC_ENABLED   CREATED_BY

REST_ENABLED   ID

MASS_UPDATE_ENABLED   RELATIVE_PATH

EFAULT_SEARCH_ENABLE   MODULE_ENABLED
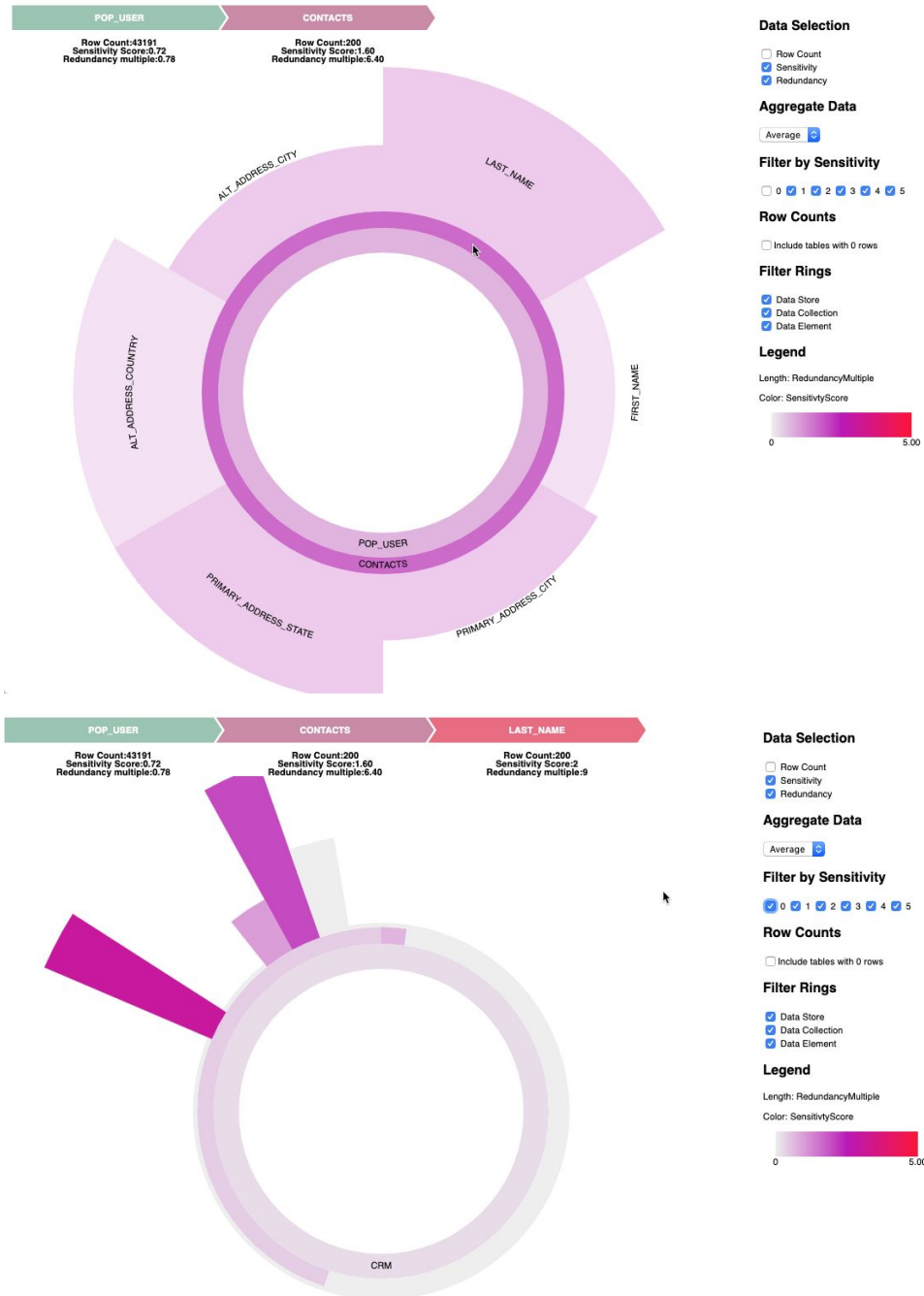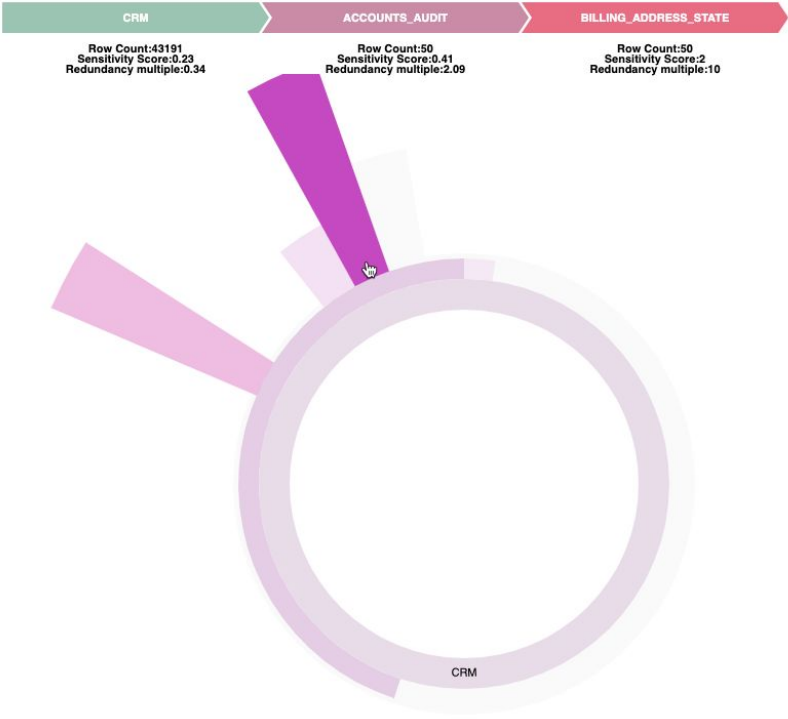
MOBILE_ENABLED

POP_USER
MODULES

Diagram with 0 values included

The average value here appears to be incorrect. There are 13 entities so the average should be .38 (5/13) and not .42 (5/12).

Defect 2

It appears that something that was fixed last time is now broken again. In the example below, we're zoomed into the CONTACT table of the POP_USER source and 0 values are filtered out. Then, we enable 0 values and the data displayed is for the CRM table.

CRM	ACCOUNTS_AUDIT	BILLING_ADDRESS_STATE
Row Count:43191 Sensitivity Score:0.23 Redundancy multiple:0.34	Row Count:50 Sensitivity Score:0.41 Redundancy multiple:2.09	Row Count:50 Sensitivity Score:2 Redundancy multiple:10

CRM

Data Selection

☐ Row Count
☑ Sensitivity
☑ Redundancy

Aggregate Data

[Average ◇]

Filter by Sensitivity

☑ 0 ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5

Row Counts

☐ Include tables with 0 rows

Filter Rings

☑ Data Store
☑ Data Collection
☑ Data Element

Legend

Length: RedundancyMultiple

Color: SensitivtyScore

0   5.00