

GE VIOLATION PREVENTION GROUP 5

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Cavallo*

PURPOSE OF DASHBOARD

- ▶ Detect trends and patterns of the data
- ▶ Find out the origins and connection of data
- ▶ Predict the likelihood of violations

BUSINESS QUESTIONS

A. Timeseries Analysis

- 1. Number of records by months of years
- 2. Number of records by days of months
- Rshiny: Number of records by days of years

B. Spatial Analysis

- 3. Number of records by countries
- 4. Number of records in US by GUID

OVERVIEW DASHBOARD

GE VIOLATION PREVENTION

Timeseries Analysis

Legend

Class

- Egress
- Null
- Probing for limits
- High use

Class

- ☒ (All)
- ☒ Null
- ☒ Egress
- ☒ High use
- ☒ Probing for limits

Person_Type

- ☒ (All)
- ☒ CONTRACTOR
- ☒ CUSTOMERSUPPLI...
- ☒ EMPLOYEE
- ☒ FUNCTIONAL
- ☒ NON GE
- ☒ OFFICER

SSO_Status

- ☒ (All)
- ☐ A
- ☐ I

Country

(All)

Job_Function

(All)

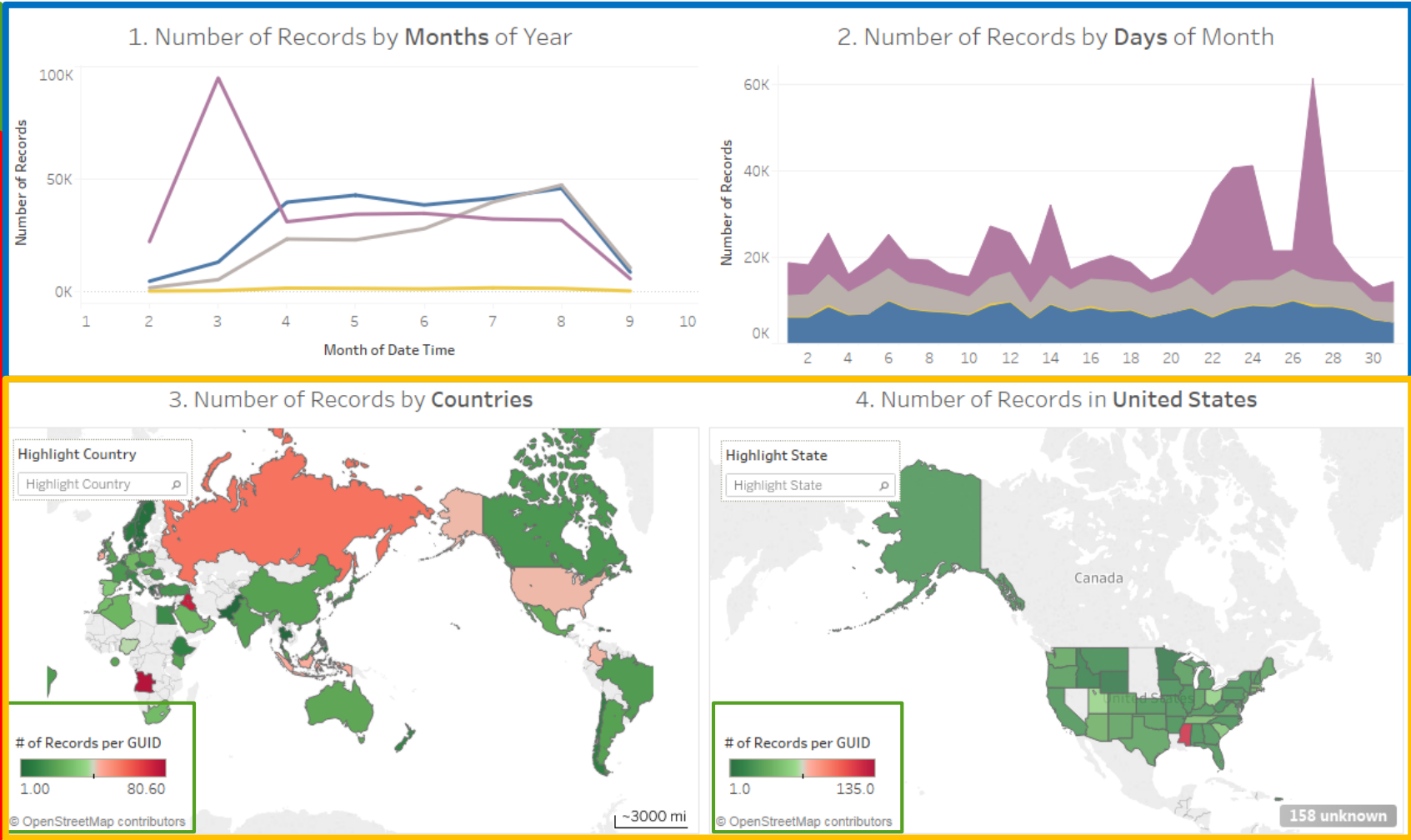
Month

(All)

Business

(All)

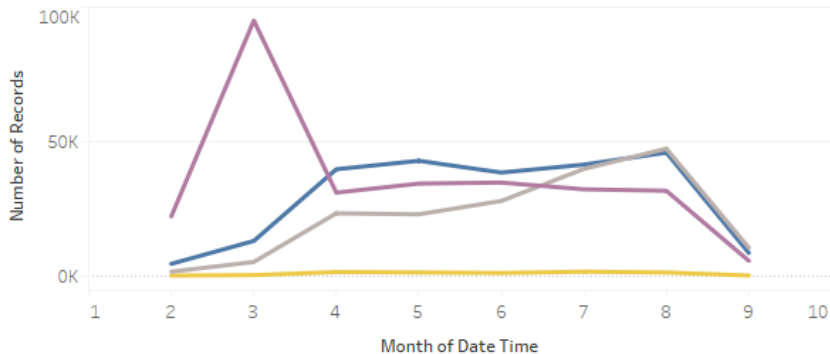
Filter



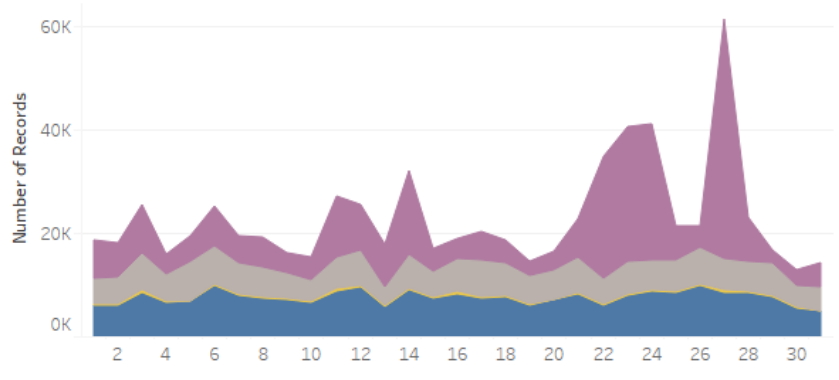
Spatial Analysis

FURTHER INVESTIGATION

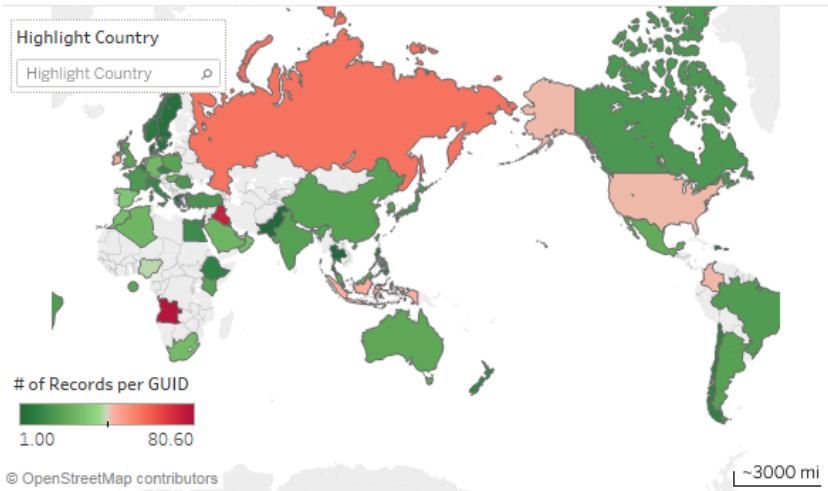
1. Number of Records by Months of Year



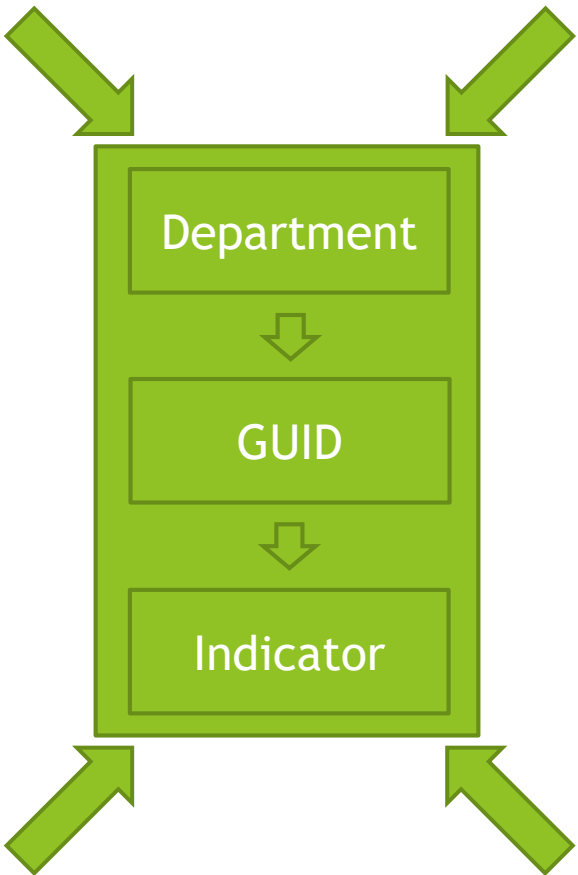
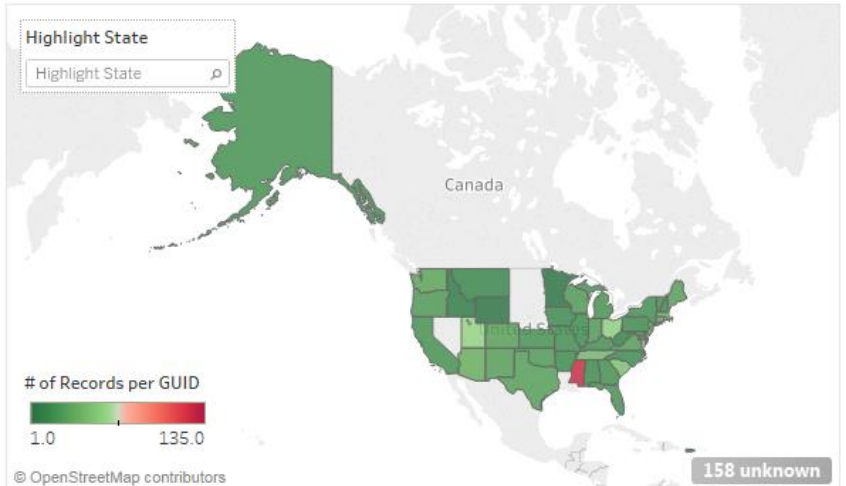
2. Number of Records by Days of Month



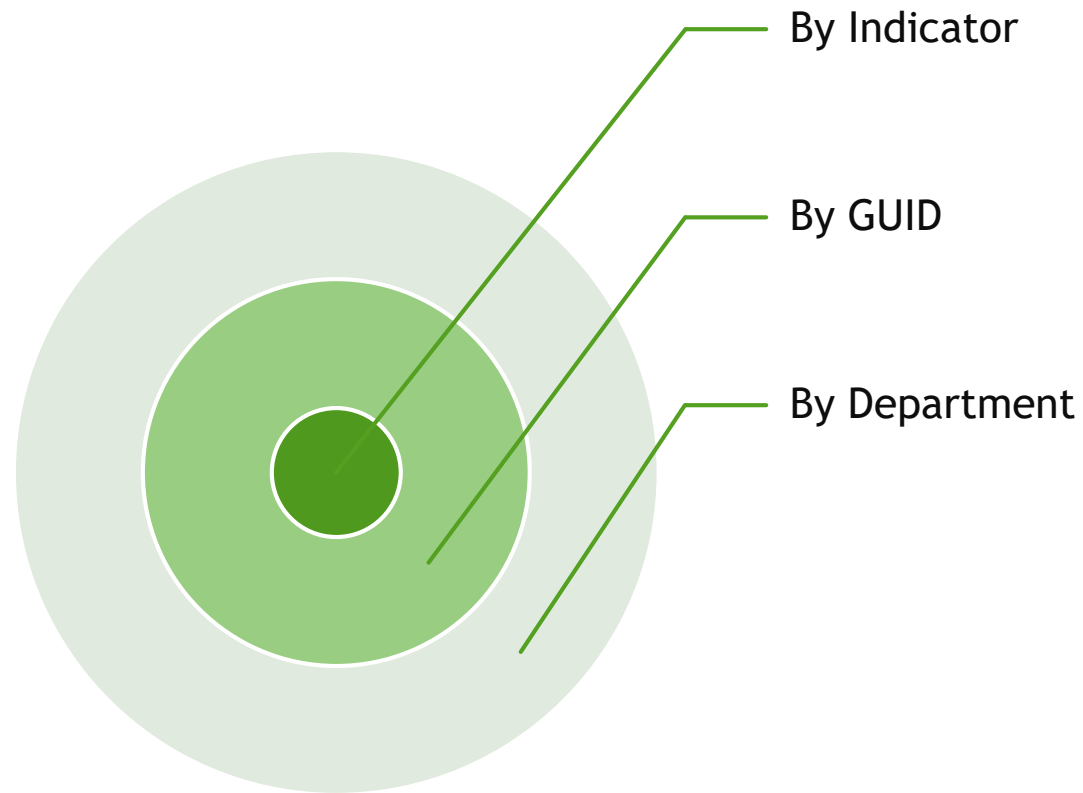
3. Number of Records by Countries



4. Number of Records in United States



TOP-DOWN APPROACH



1. Filter

2. Highlight

FILTER

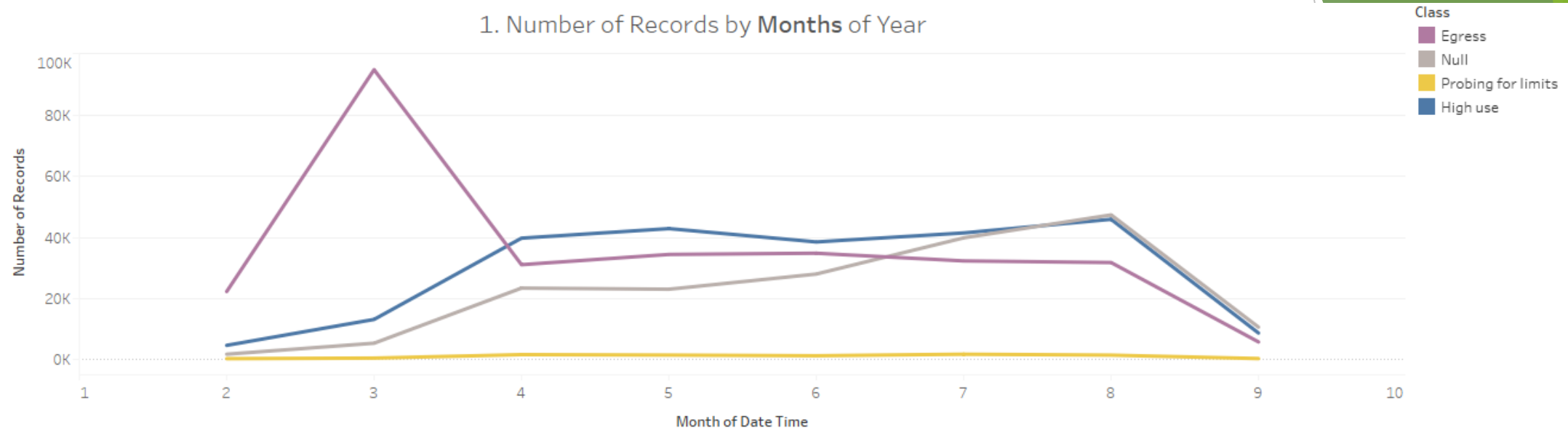
Overview
Dashboard

- Filter by manual input

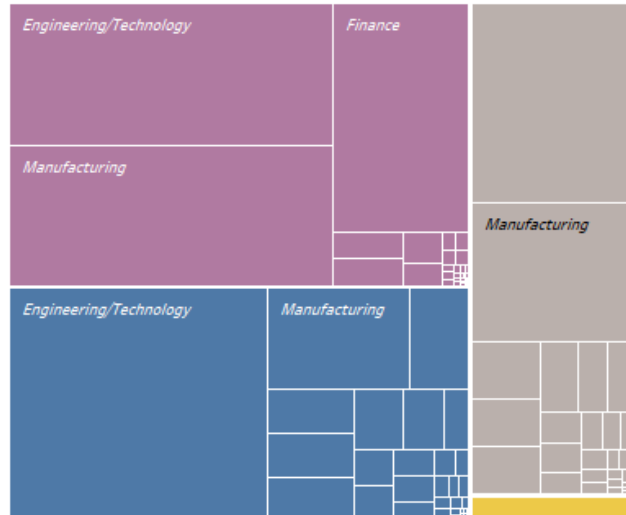
Detailed
Dashboard

- Filter by graph input

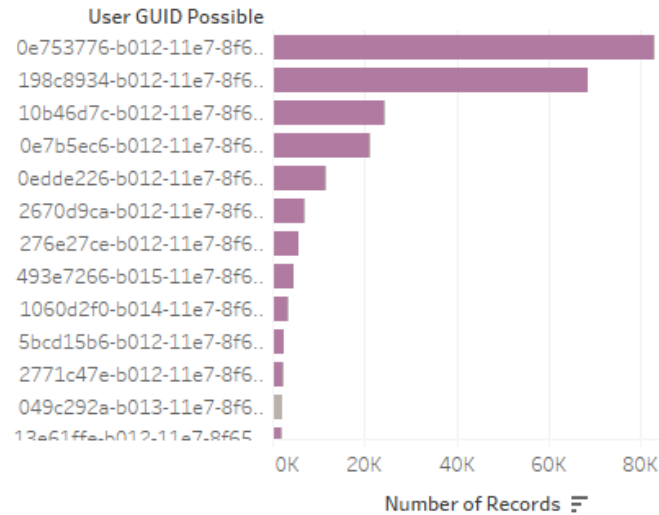
1. Number of Records by Months of Year



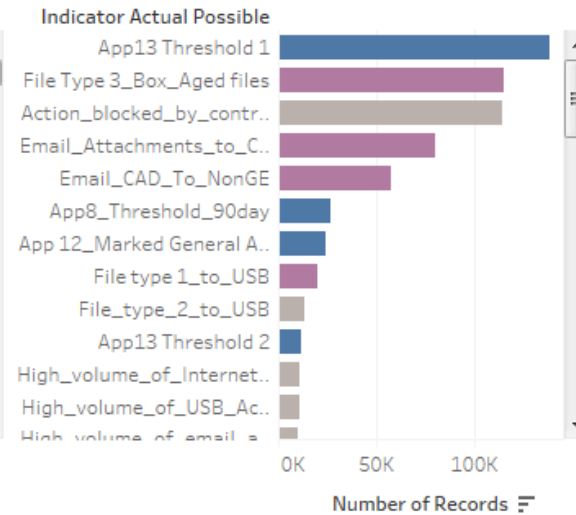
1.1. By Department



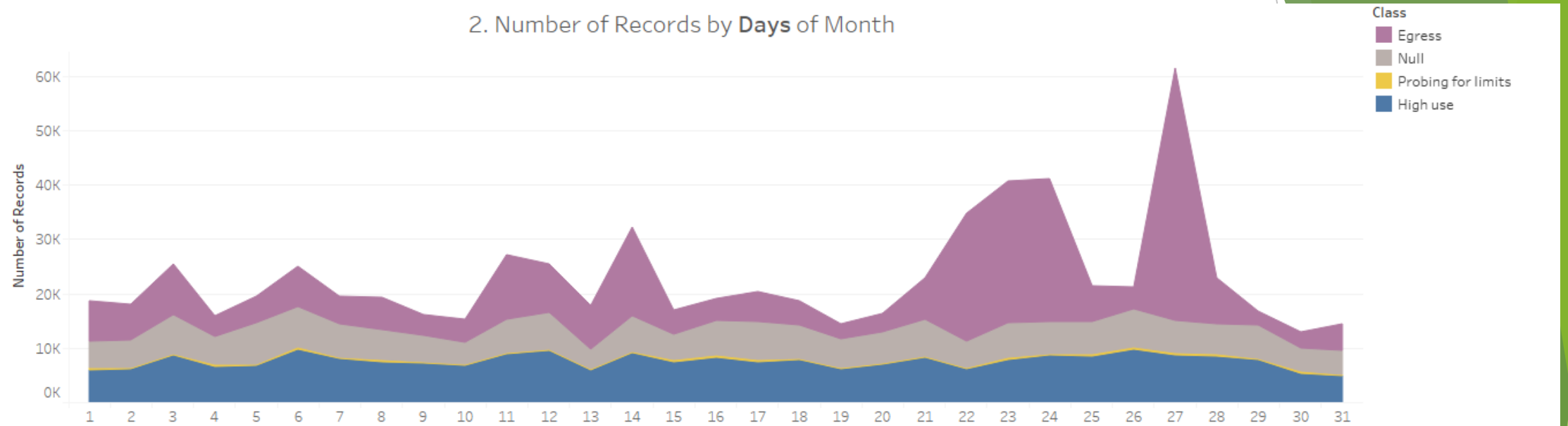
1.2. By GUID



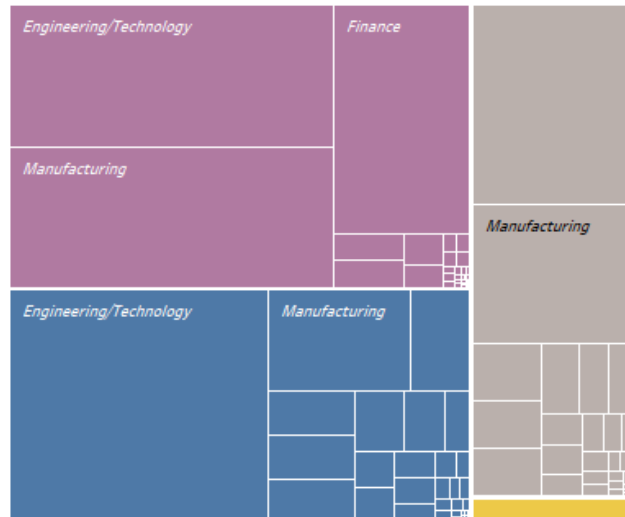
1.3. By Indicator



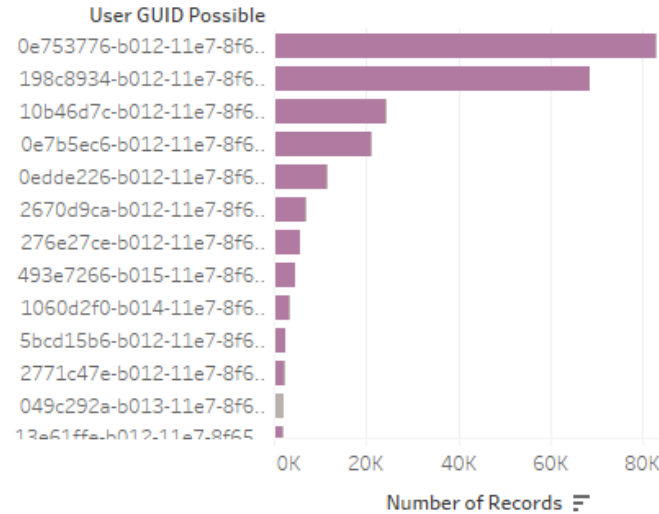
2. Number of Records by Days of Month



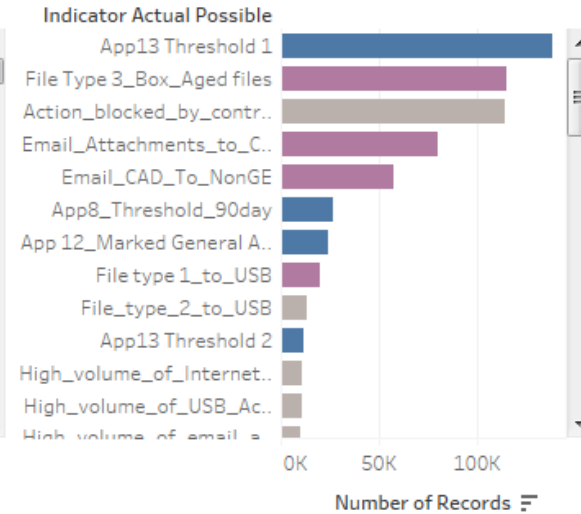
2.1. By Department



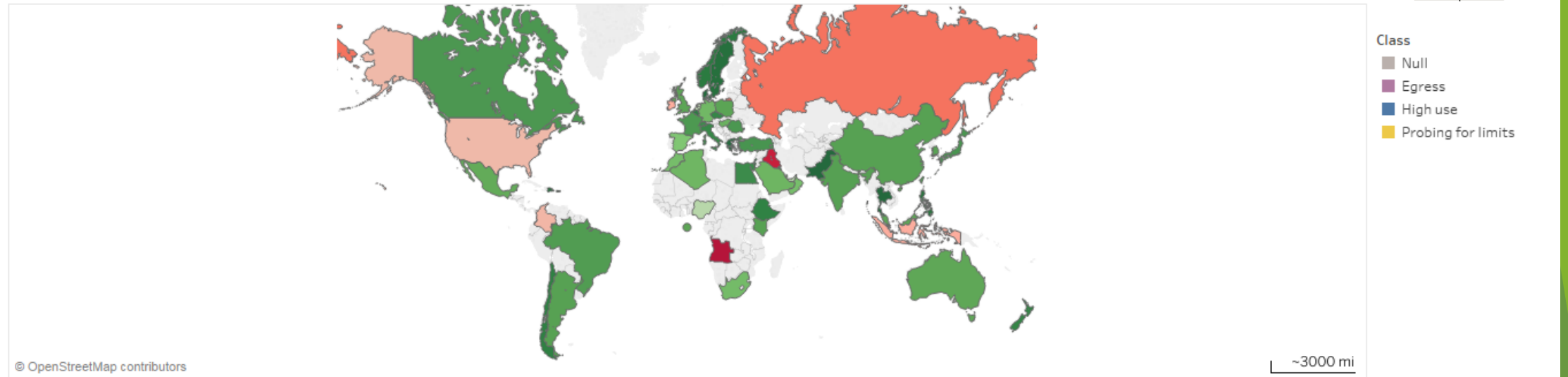
2.2. By GUID



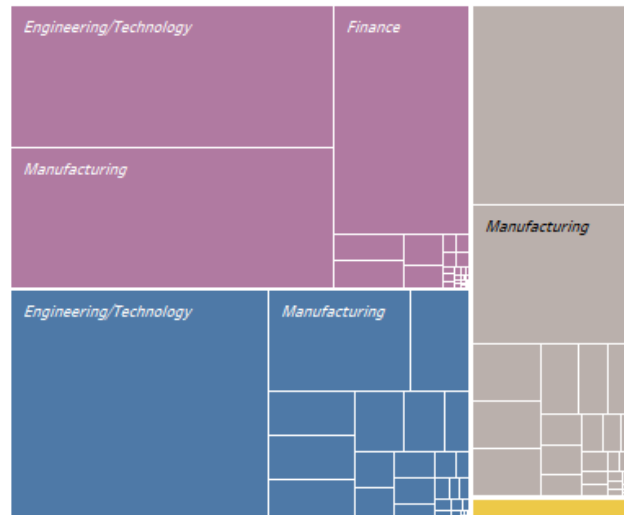
2.3. By Indicator



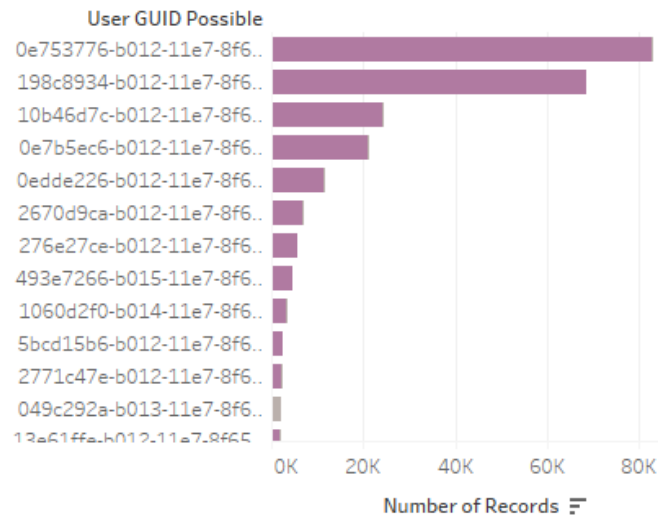
3. Number of Records by Countries



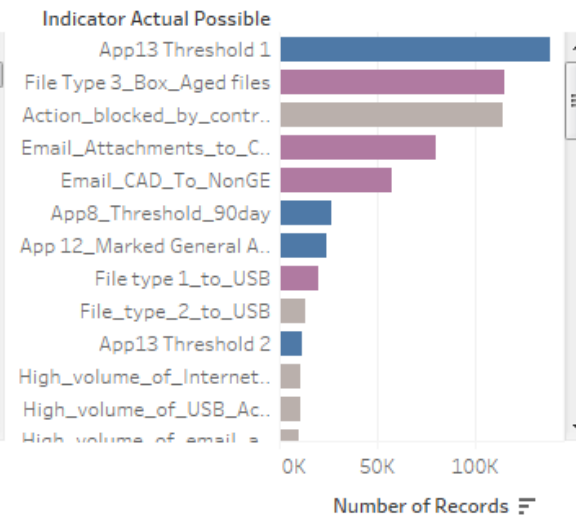
3.1. By Department



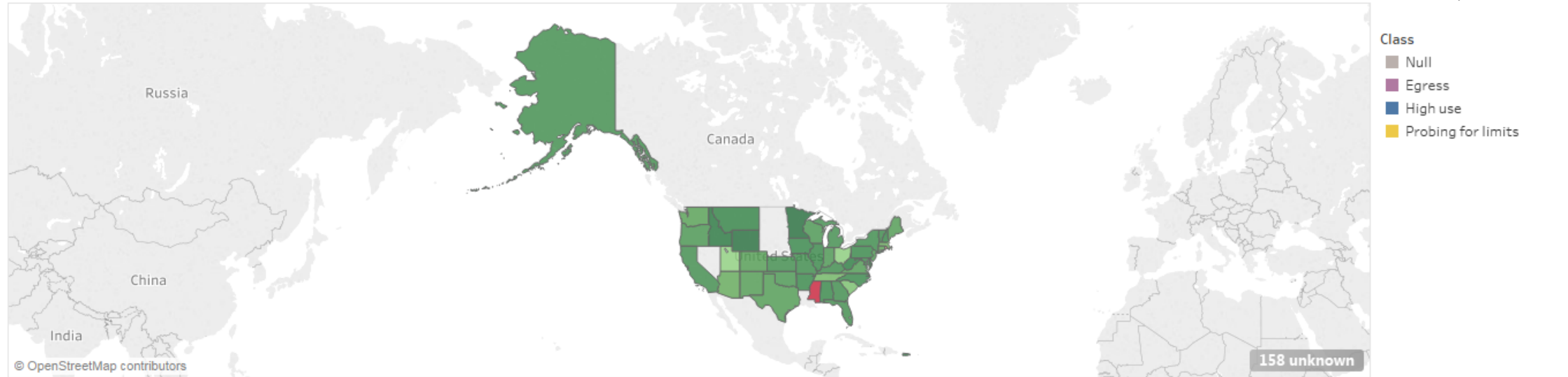
3.2. By GUID



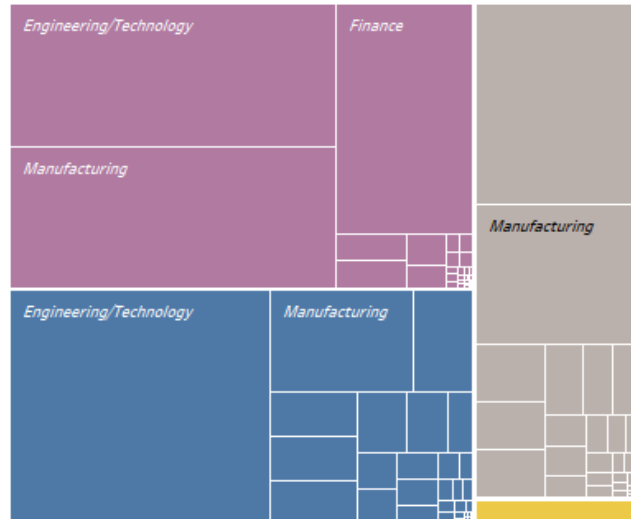
3.3. By Indicator



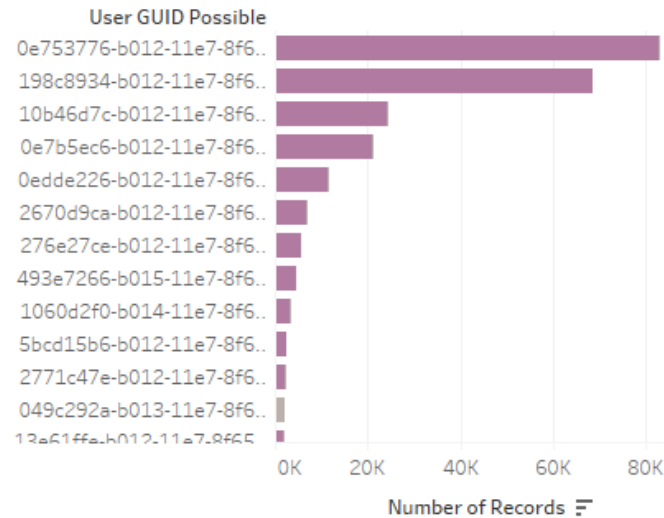
4. Number of Records in United States



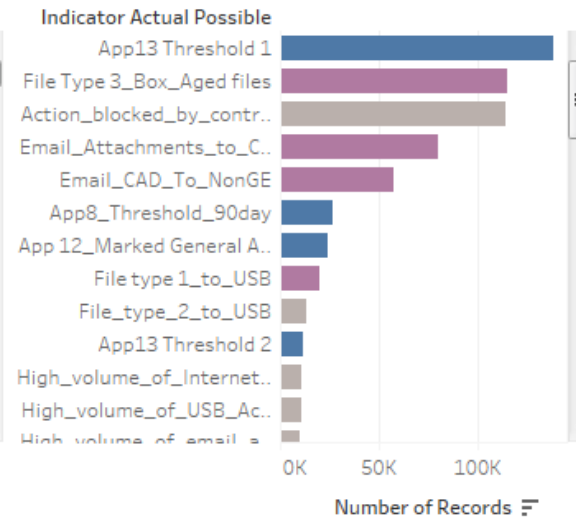
4.1. By Department



4.2. By GUID



4.3. By Indicator



R Shiny

GE

Select countries

United States

Date range

2017-02-24 to 2017-09-12

Select SSO Status

☒ Active

☒ Inactive

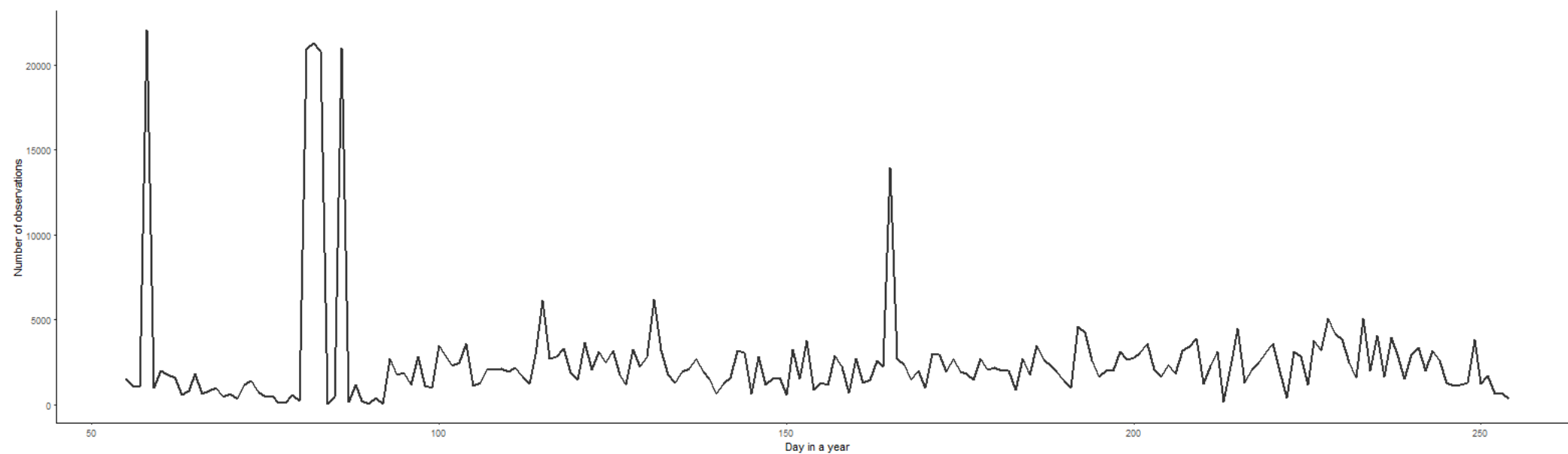
Select Job Function

Sourcing
Finance
Engineering/Technology
Sales

Line graph

Data table

NUMBER OF OBSERVATIONS BY CLASS IN 2017



This graph shows 513673 observations in United States

GE

Select countries

United States

Date range

2017-02-24

to

2017-09-12

Select SSO Status

☒ Active

☒ Inactive

Select Job Function

Sourcing

Finance

Engineering/Technology

Sales

Line Width

1

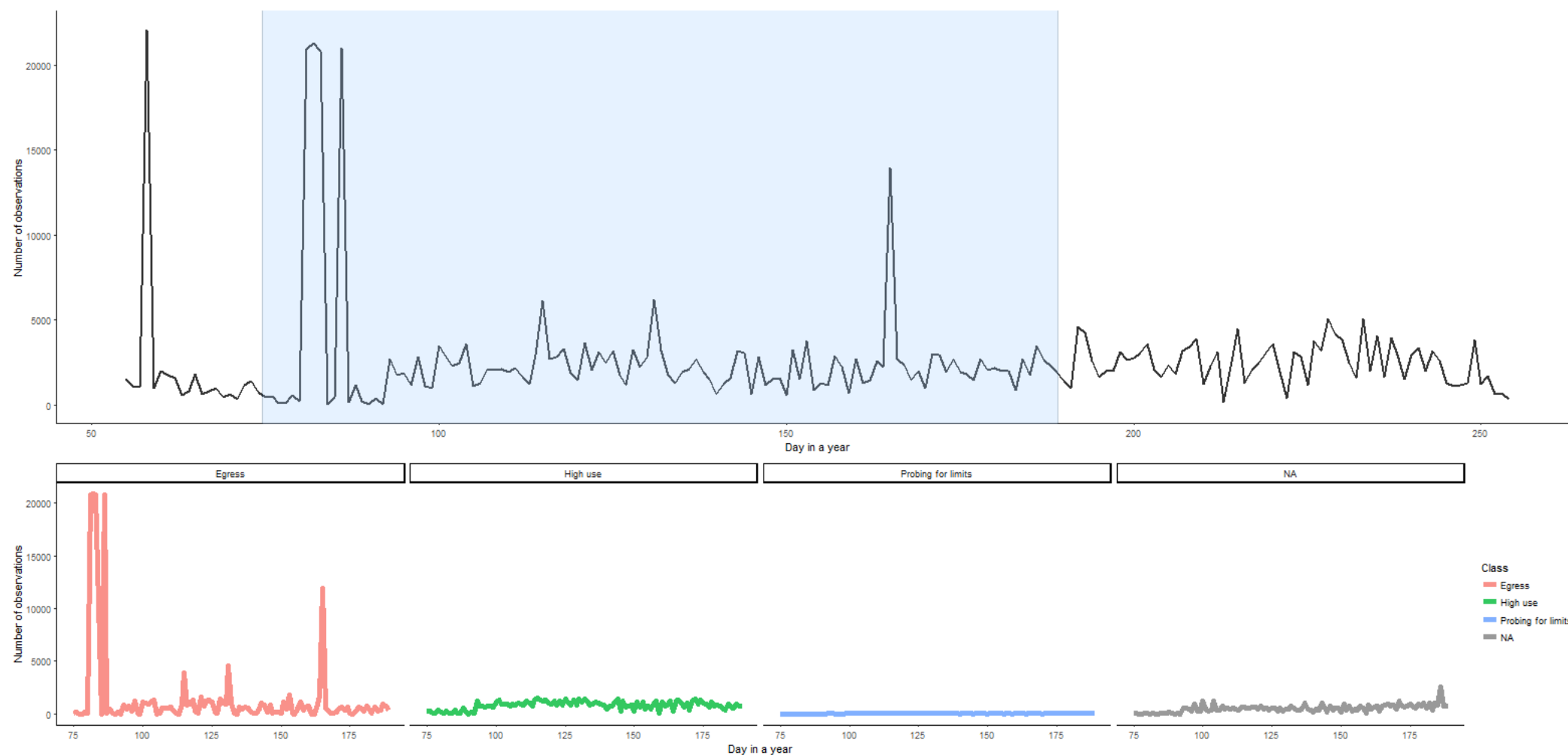
2

3

Line graph

Data table

NUMBER OF OBSERVATIONS BY CLASS IN 2017



This graph shows 513673 observations in United States

GE

Select countries

United States

Date range

2017-02-24 to 2017-09-12

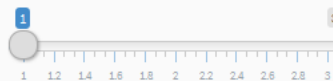
Select SSO Status

- ☒ Active
- ☒ Inactive

Select Job Function

Sourcing
Finance
Engineering/Technology
Sales

Line Width



☒ Show data table

Variables to include in the data table

Indicator_Actual_Possible
User_GUID_Possible

Instructions: Choose a country, SSO Status, Job function and a specific date range. Click show data table and input variables to examine the Summary table. Click and drag the mouse over the line graph to zoom in the data.

Line graph

Data table

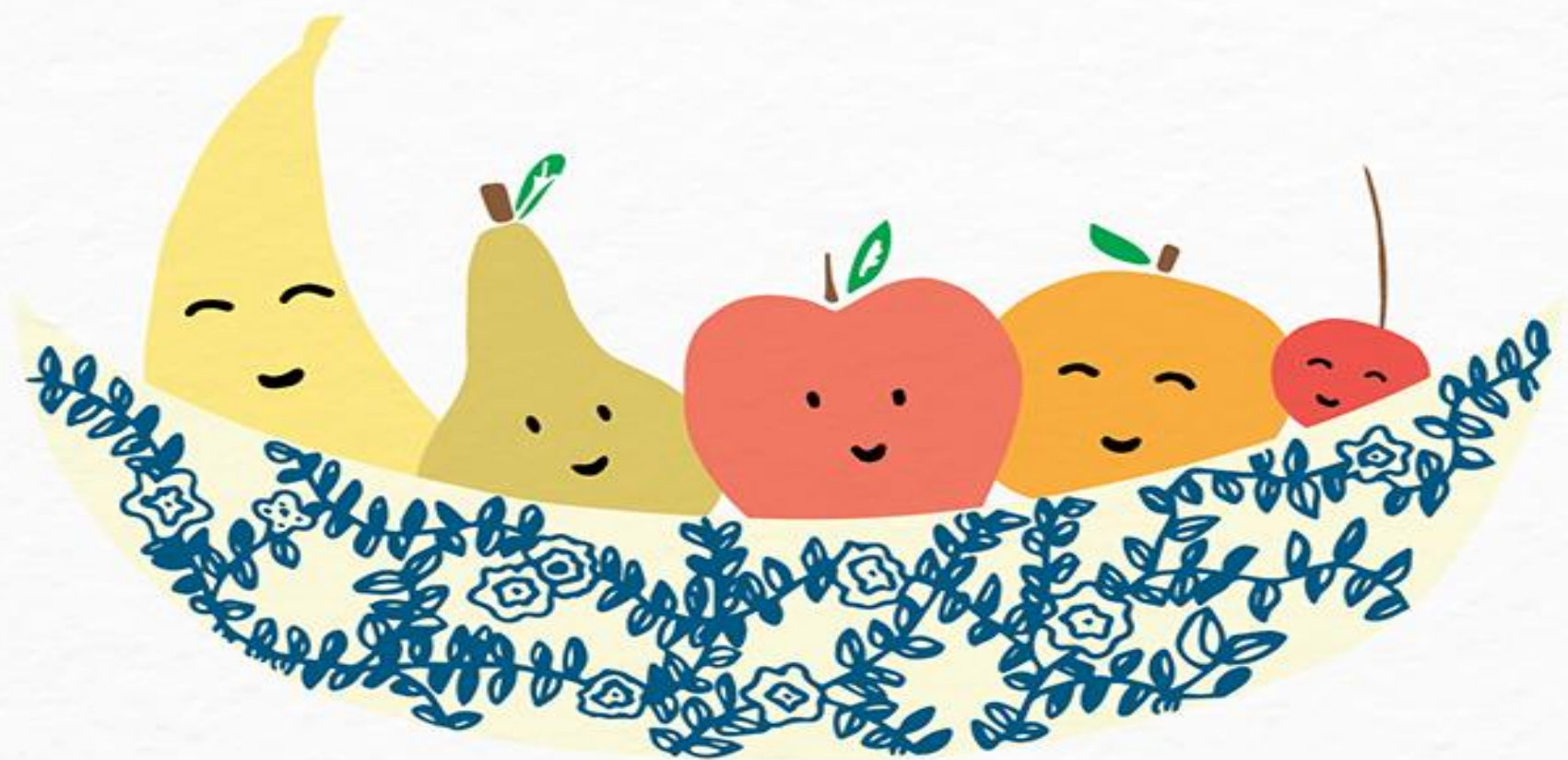
Show 10 entries

Search:

Indicator_Actual_Possible	User_GUID_Possible	Number of Observations	Percentage of Observations
Email_Attachments_to_Competitor_Domain	0e753776-b012-11e7-8f65-08002768f7af	41496	8.08
Email_CAD_To_NonGE	0e753776-b012-11e7-8f65-08002768f7af	41289	8.04
File Type 3_Box_Aged files	198c8934-b012-11e7-8f65-08002768f7af	33996	6.62
File Type 3_Box_Aged files	10b46d7c-b012-11e7-8f65-08002768f7af	12012	2.34
Email_Attachments_to_Competitor_Domain	0e7b5ec6-b012-11e7-8f65-08002768f7af	10423	2.03
Email_CAD_To_NonGE	0e7b5ec6-b012-11e7-8f65-08002768f7af	10358	2.02
Email_Attachments_to_Competitor_Domain	0edde226-b012-11e7-8f65-08002768f7af	5766	1.12
Email_CAD_To_NonGE	0edde226-b012-11e7-8f65-08002768f7af	5581	1.09
File type 1_to_USB	493e7266-b015-11e7-8f65-08002768f7af	4217	0.82
File Type 3_Box_Aged files	2670d9ca-b012-11e7-8f65-08002768f7af	3386	0.66

Showing 1 to 10 of 27,523 entries

Previous 1 2 3 4 5 ... 2753 Next



T H A N K Y O U