Mitre CSV Demo 11/07/2023, 12:20

mitro t

mitre tool

. .

Mitre CSV

CyberGPT

About

CyberGPT is a smart AI assistant for cyber security analysts.

Your documents

Select your PDFs here

Drag and drop files here

Limit 200MB per file

Browse files

Submit

New Chat

Made with by GeekWeek Team 5.2

Mitre CSV

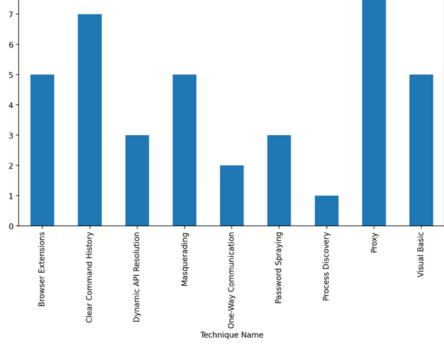
This page loads information from MITRE ATT&CK for the LLM to query.

Select the set of rows with unique TID and MID, and then select 10 techniques arbitrarily. Finally, plot the number of unique mitigations for each of these 10 techniques.



Mitre CSV Demo 11/07/2023, 12:20

```
# select 10 techniques arbitrarily
techniques = unique_df.sample(n=10)['Technique Name']
 # create a new dataframe with only the selected techniques
selected_df = unique_df[unique_df['Technique Name'].isin(techniques)]
# group by technique and count unique mitigations
grouped_df = selected_df.groupby('Technique Name')['MID'].nunique()
# plot the results
import matplotlib.pyplot as plt
fig = grouped_df.plot(kind='bar', figsize=(10,6)).get_figure()
8
7
6
5
```



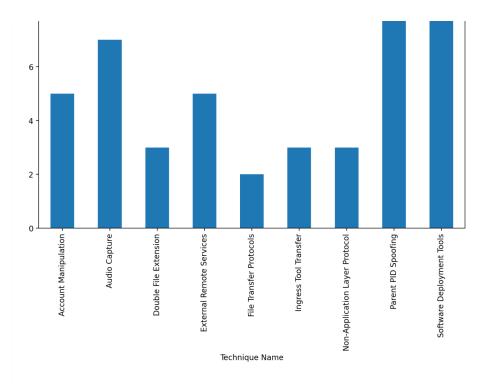
Select the set of rows with unique TID and MID, and then select 10 techniques arbitrarily. Finally, plot the number of unique mitigations for each of these 10 techniques.

The python code for plotting the result is:

```
\ensuremath{\text{\#}} filter dataframe to only include rows with unique TID and MID
unique_df = df.drop_duplicates(subset=['TID', 'MID'])
# select 10 techniques arbitrarily
techniques = unique_df.sample(n=10)['Technique Name']
# create a new dataframe with only the selected techniques
selected_df = unique_df[unique_df['Technique Name'].isin(techniques)]
# group by technique and count unique mitigations
grouped_df = selected_df.groupby('Technique Name')['MID'].nunique()
# plot the results
import matplotlib.pyplot as plt
fig = grouped_df.plot(kind='bar', title='Number of Unique Mitigations for 10 S
```

Number of Unique Mitigations for 10 Selected Techniques

Mitre CSV Demo 11/07/2023, 12:20



Select the set of rows with unique TID and MID, and then select 10 techniques arbitrarily. Finally, plot the number of unique mitigations for each of these 10 techniques.

The python code for plotting the result is:

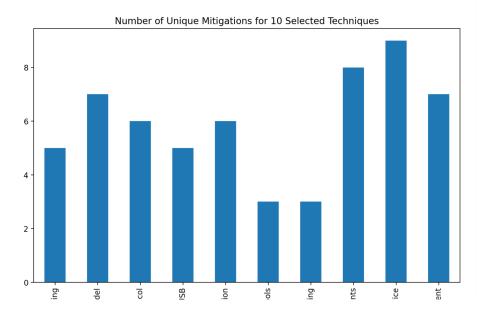
```
# filter dataframe to only include rows with unique TID and MID
unique_df = df.drop_duplicates(subset=['TID', 'MID'])

# select 10 techniques arbitrarily
techniques = unique_df.sample(n=10)['Technique Name']

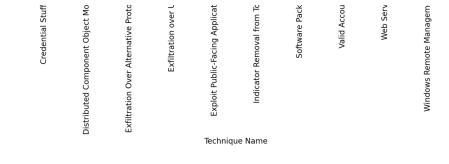
# create a new dataframe with only the selected techniques
selected_df = unique_df[unique_df['Technique Name'].isin(techniques)]

# group by technique and count unique mitigations
grouped_df = selected_df.groupby('Technique Name')['MID'].nunique()

# plot the results
import matplotlib.pyplot as plt
fig = grouped_df.plot(kind='bar', figsize=(10,6)).get_figure()
```



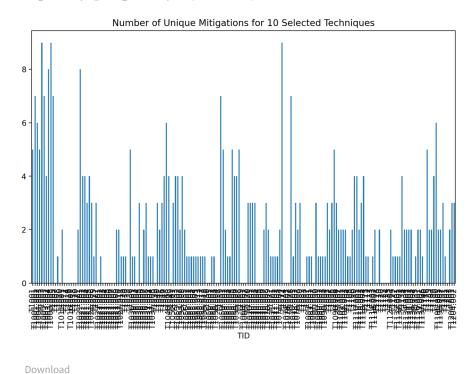
Mitre CSV Demo 11/07/2023, 12:20



Select the set of rows with unique TID and MID, then plot the number of unique mitigations for each technique.

import matplotlib.pyplot as plt

unique_mitigations = df.groupby('TID')['MID'].nunique()
fig = unique_mitigations.plot(kind='bar')



Made with Streamlit

