

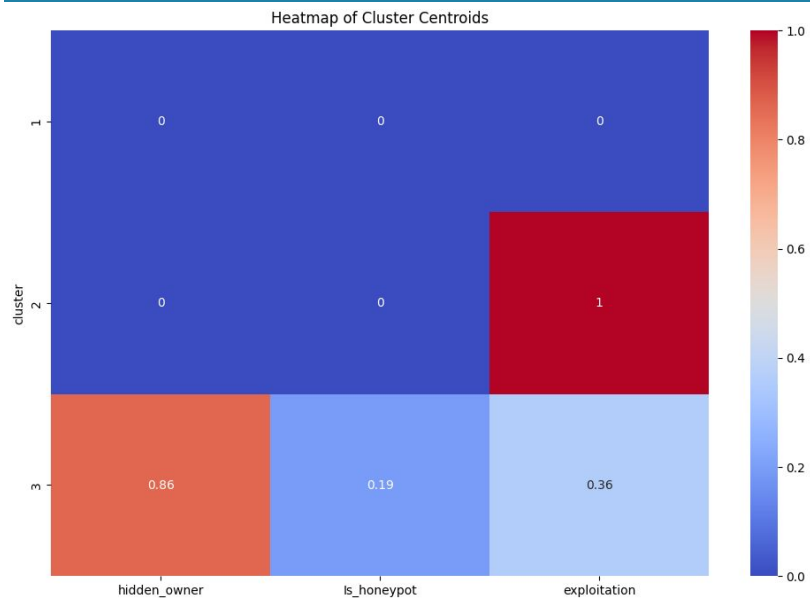
Cluster Analysis

By: Kevin Uduji

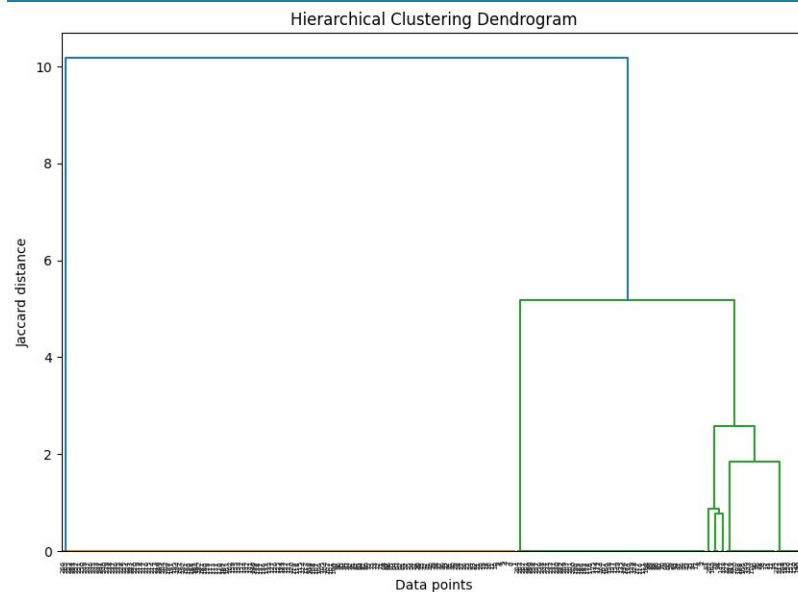


Original Heatmap and Cluster Graph

Heatmap



Cluster Graph



Original Readings

Readings

Cluster 1

“Low Risk”

Cluster 2

- Only ‘exploitable’ risk tag,
- lacks ‘hidden_owner’ or ‘is_honeypot risks’

Cluster 3

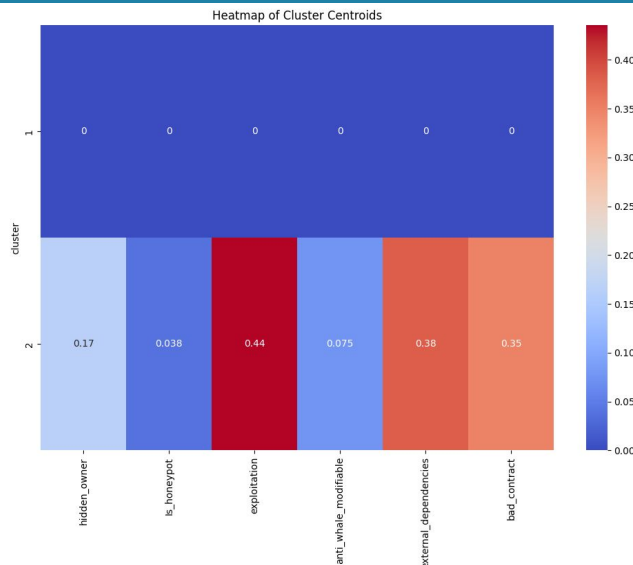
- Possesses the most risk of the 3 clusters
- Each category had a lower concentration of risk, the more there are present
- Greatest risk being hidden_owner
 - 2nd greatest risk being exploitation

Now with more data to solidify original test results...

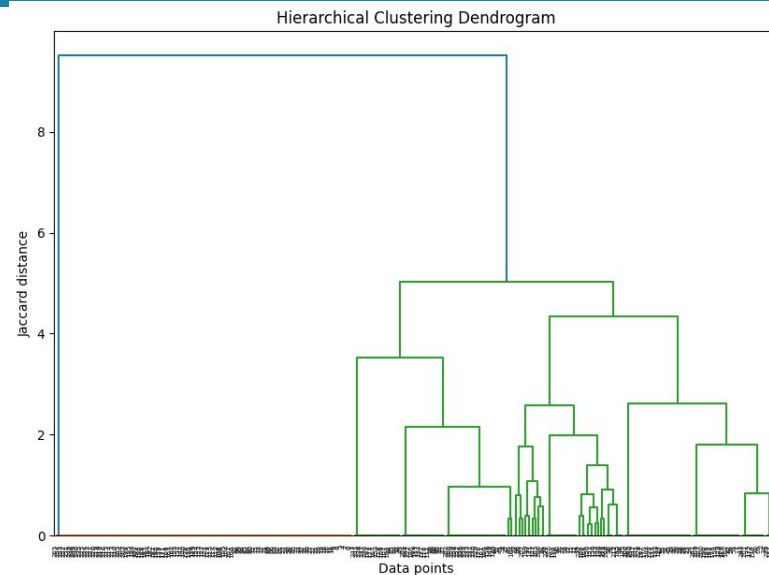
****Smaller skewer****

New #1 Heatmap and Cluster Graph

Heatmap



Cluster Graph

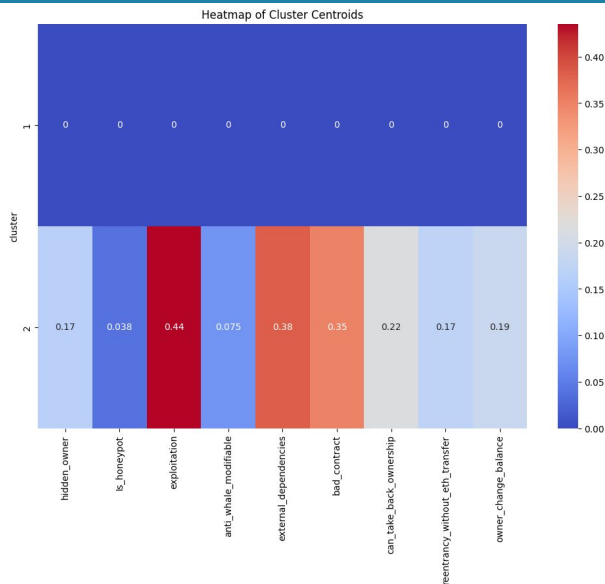


6 of some of the most reoccurring risks

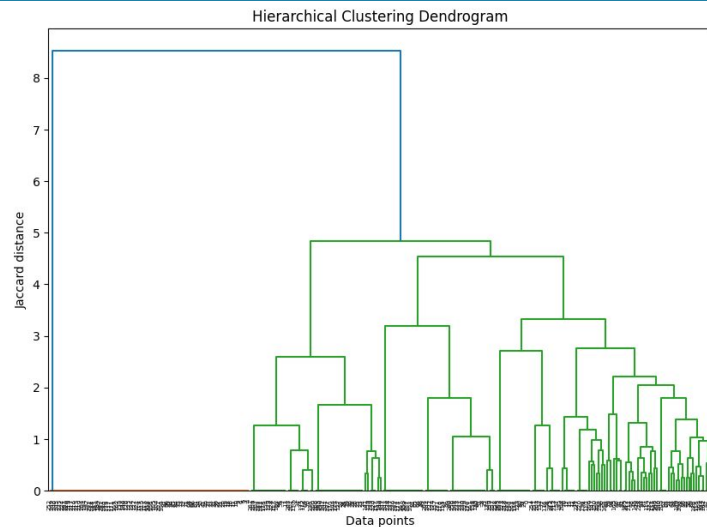
- Excluded Centralized Risk because I believe it is not specific enough on the type of risk

New #2 Heatmap and Cluster Graph

Heatmap



Cluster Graph



9 of some of the most reoccurring risks

- Excluded Centralized Risk because I believe it is not specific enough on the type of risk

New Readings

Readings

Cluster 1

“Low Risk”

Cluster 2

- 'exploitable' is a common risk tag
- Each category had a lower concentration of risk, the more there are present

Summary Readings

Readings

Cluster 1

“Low Risk”

Cluster 2+

- ‘exploitable’ was the most common risk tag
 - Each category had a lower concentration of risks, the more risk tags are present
 - There is a greater chance of having multiple types of risk tags if one is already present
- The reason the heat graph compresses into two clusters is because multiple risk tags average out the concentration of risks, making clusters, like only ‘exploitable’, very unlikely ←