Portifolio Project

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Problem Titles

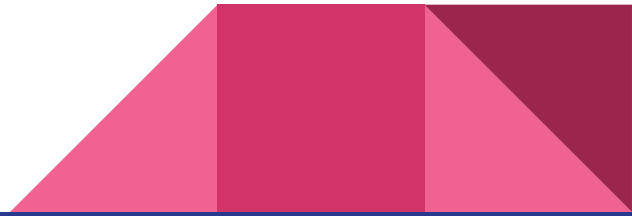
1) Malicious IP;
2)

Malicious IPs

Problem Description: Suppose that you have been attacked by a malicious IP. Your company lost money and received complaints. Your IT staff dealt with this IP, but after the attack. Are there ways to prevent from another attacks?

If the answer is true:

1) How long would it take?
2) How much money you need to invest?



Malicious IP - How to prevent attacks?

Your company have more than 16.000 users. It is humanly impossible to check each IP manually.

Malicious IP - Humanly impossible!!!!!

So let’s tackle this problem by using the help of a machine.

The solution I propose is fast and efficient.

Malicious IP - Data Science Solution

Problem Description: We have more than 16.000 IPs from different users and we have just one malicious IP confirmed. Our data is unsupervised.

Problem Solution: Applying Clustering methods (k-means or DBSCAN).

Estimated time: 2 hours is more than enough.