

THE DARK KNIGHT CODERS

To Detect Fraud/Anomaly in Credit Card
Transactions

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LEGACY REVITALIZATION

Aim:

To find the frauds or anomalies when the set of transactions are provided

Task:

The application should check the transactions either for review or reject them if anomalies have been found based on the criteria.

What are anomalies?

1. ***Point anomalies:*** A single instance of data is anomalous if it's too far off from the rest. Business use case: Detecting credit card fraud based on "amount spent.
2. ***Contextual anomalies:*** The abnormality is context specific. This type of anomaly is common in time-series data. Business use case: Spending \$100 on food every day during the holiday season is normal, but may be odd otherwise.
3. ***Collective anomalies:*** A set of data instances collectively helps in detecting anomalies. Business use case: Someone is trying to copy data from a remote machine to a local host unexpectedly, an anomaly that would be flagged as a potential cyber-attack.

Installation Guide :

Step 1:

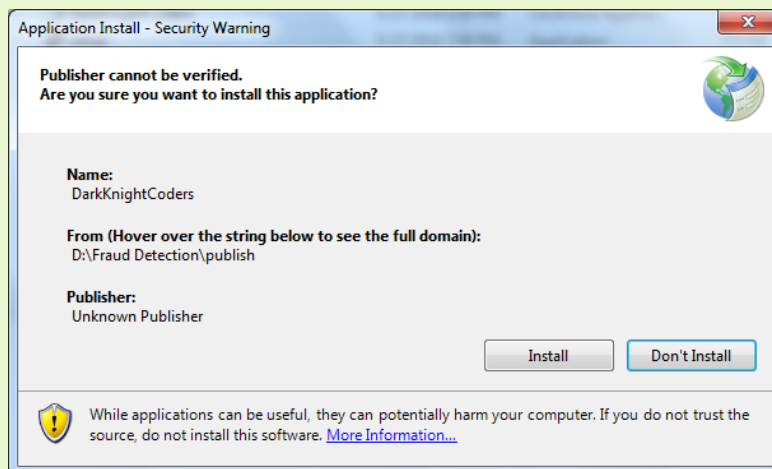
Step 1.1: Copy the file data.csv

Step 1.2: paste the file data.csv in "C:\data.csv"

Step 2:

Step 2.1: open the folder publish

Step 2.2: open the file "setup.exe"



Step 2.3: click "install"

Installation Completed