# Using Graph Analytics to Fight Financial Crimes

Fighting financial crimes is a daily battle worldwide. Organizations have to deploy intelligent systems to prevent and detect wrongdoings, such as fraud and money laundering. We will attempt to utilize data from the United States Department of Treasury – FinCEN Suspicious Activity Reporting Database to identify regional clusters or communities to understand to understand where financial crime is prevalent and the types of financial crimes that occur in those regions (Community Detection).

Our group will attempt to use graph analytics to visualize financial crime patterns by region, types of financial crime by region, and any networks, trends and/or patterns that have occurred during a specified time period. For the purpose of this project we will focus on areas in the US known as High Intensity Financial Crimes Areas ([HIFCA](https://www.fincen.gov/hifca-regional-map))

## Data Set Source

### LINK - <https://www.fincen.gov/reports/sar-stats>

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