How asset values can be expressed?

- Structured data
- Statistical analysis
- Objective conclusions
- Surveys, Experiments

Quantitative Research

- Unstructured data
- Summary
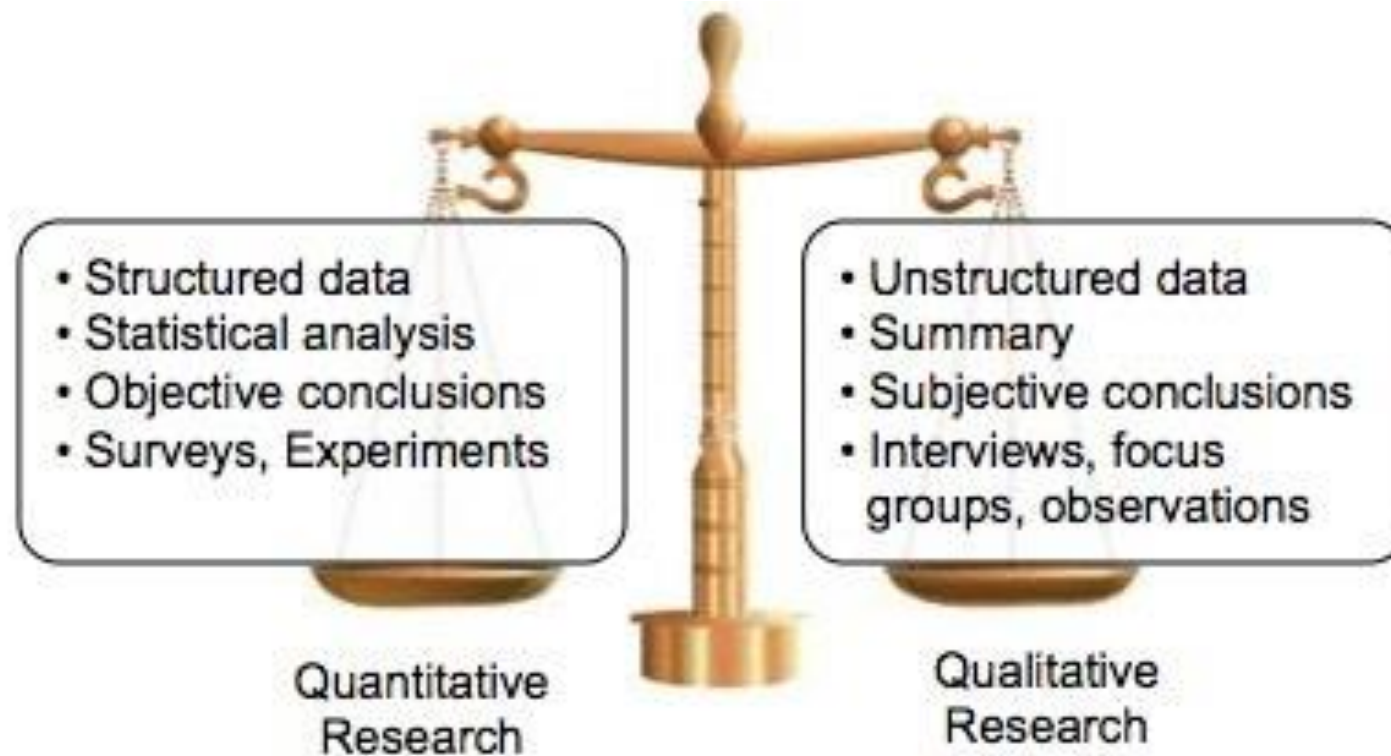- Subjective conclusions
- Interviews, focus groups, observations

Qualitative Research

Asset classification

Asset valuation begins with classification of assets according to their criticality, in terms of the importance of assets to fulfilling the business objectives of the organization. Valuation is then determined using two measures:

- The replacement value of the asset: the cost of recovery cleanup and replacing the information (if at all possible), and

- The business consequences of loss or compromise of the asset, such as the potential adverse business and/or legal or regulatory consequences from the disclosure, modification, non-availability and/or destruction of information, and other information assets
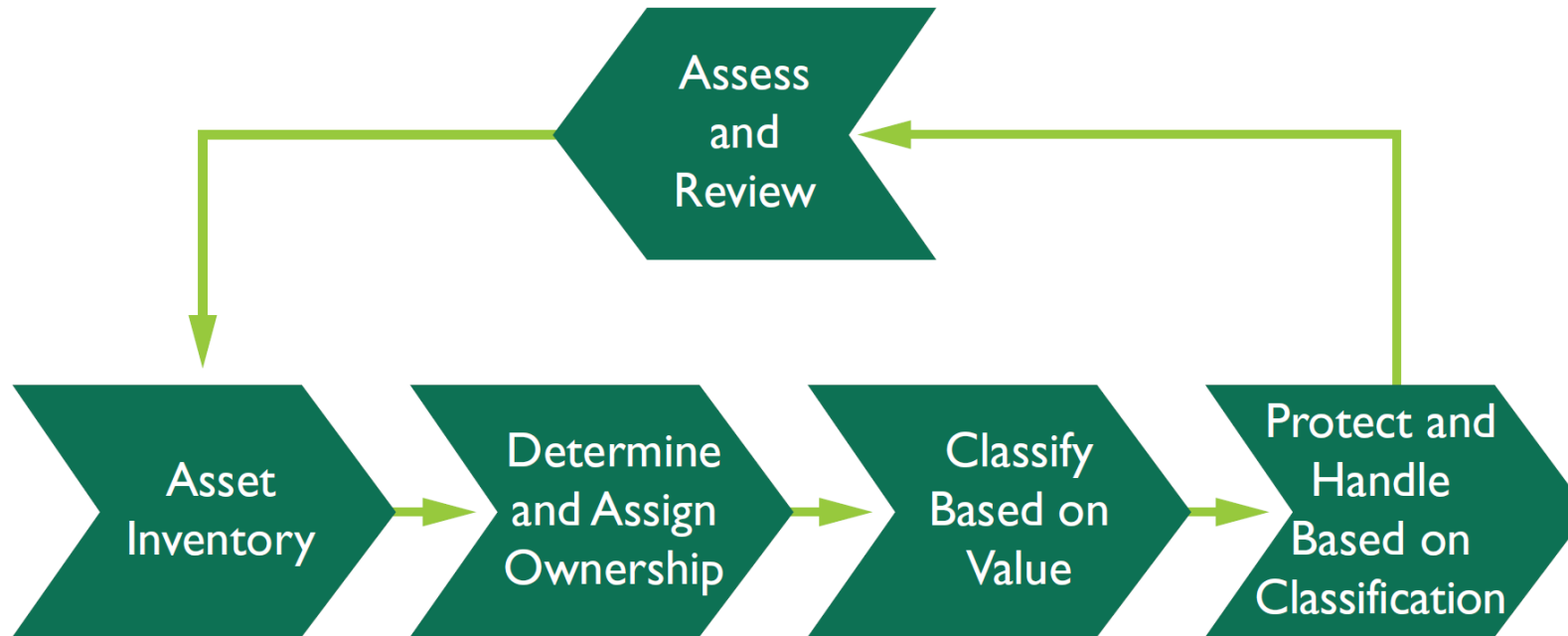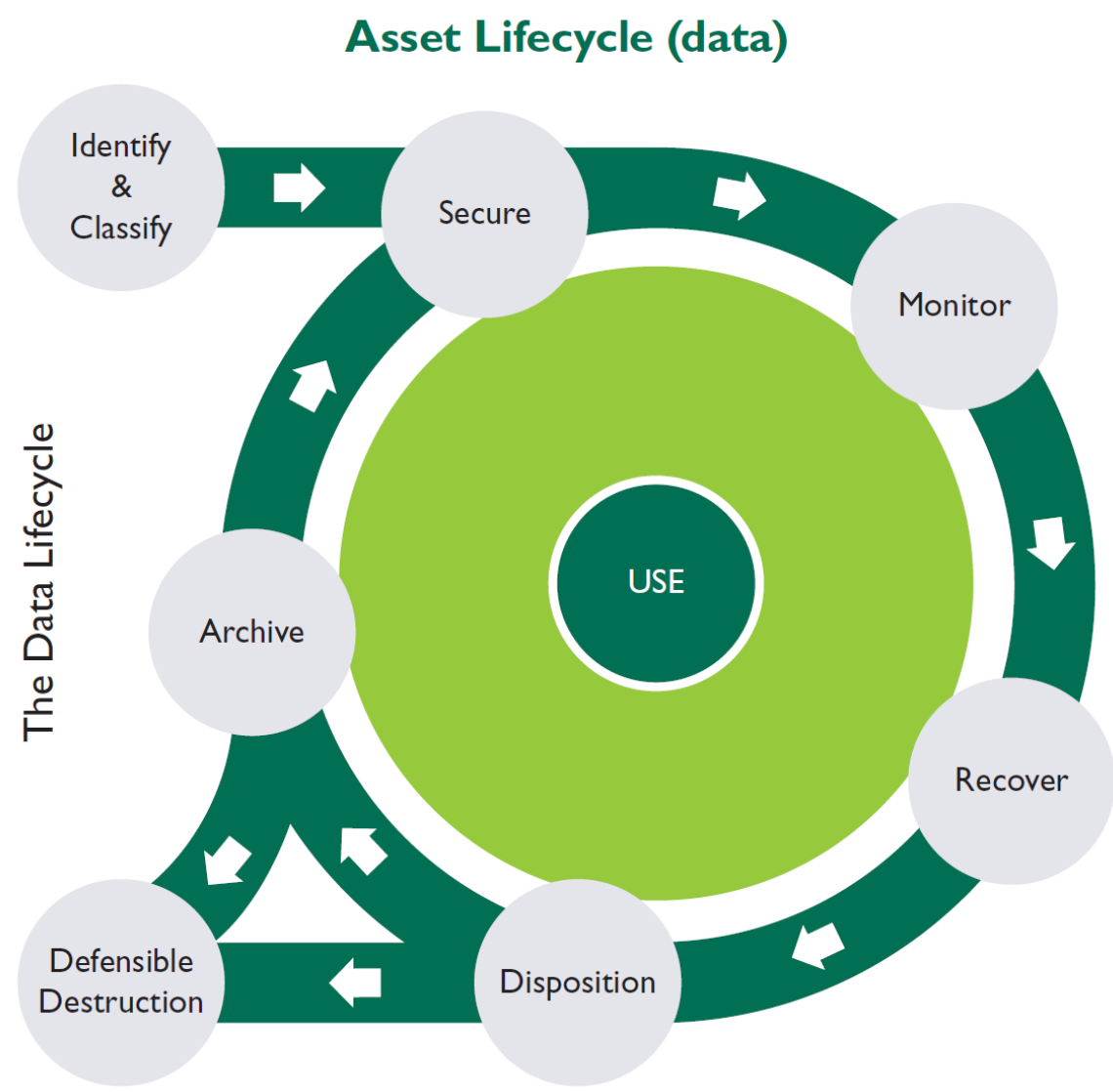
Asset classification flow

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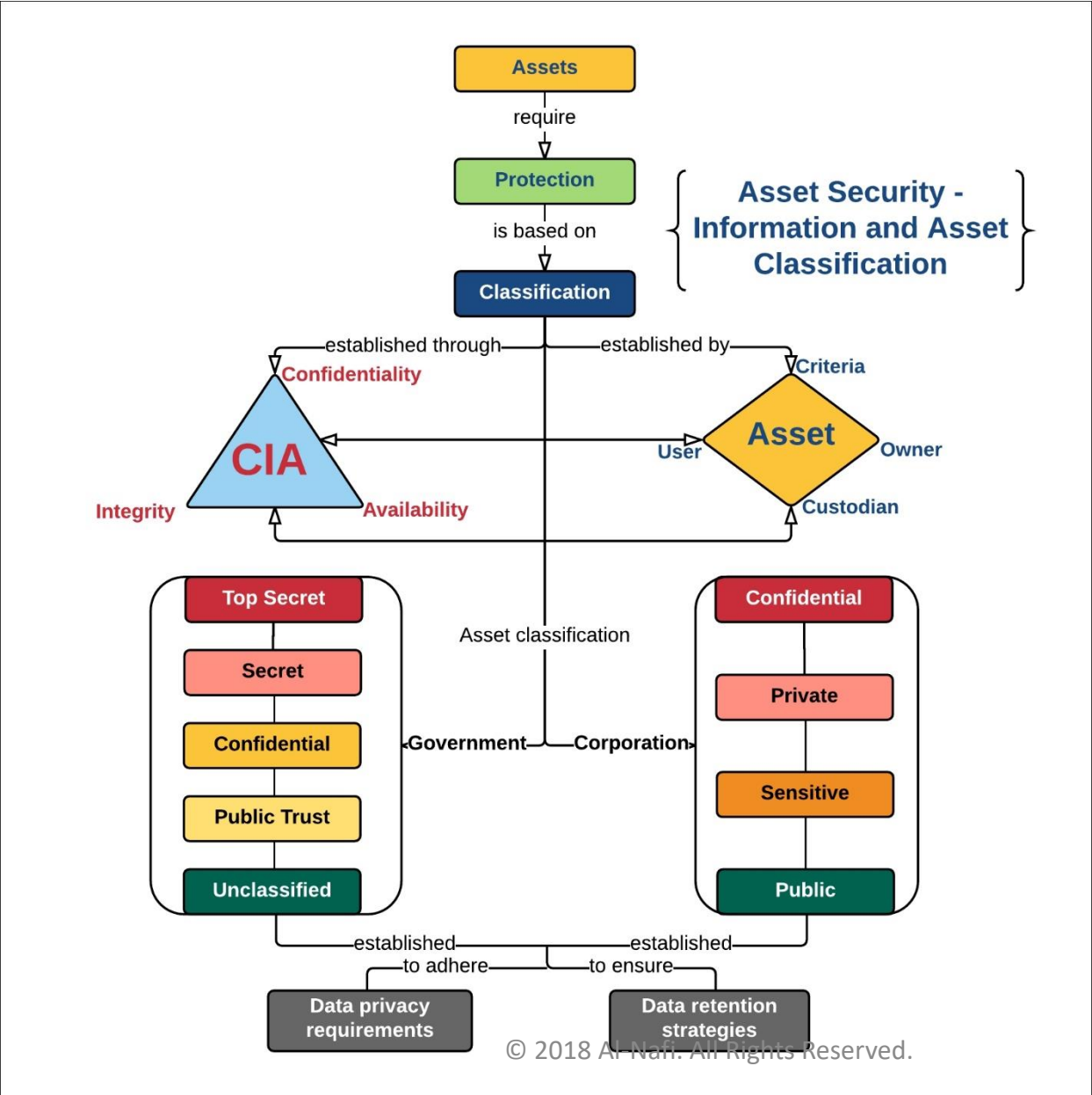
Asset classification process summarized

Classification Process

The asset classification process can be summarized as follows:

Asset Lifecycle

Asset Lifecycle (data)

The Data Lifecycle

- Identify & Classify
- Secure
- Monitor
- Recover
- Disposition
- Defensible Destruction
- Archive
- USE

Classify and Categorize

Most dictionaries will define the words classification and categorization as follows. Classification is the act of forming into a class or classes. This can be rephrased as a distribution into groups, as classes, according to common attributes. Whereas categorization is the process of sorting or arranging things into classes. This can be simplified as saying classification is the system, and categorization is the act of sorting into the classification system.