Chapter 1

Following is the list of objectives: -

1. Research about cybersecurity use cases which align with work of current employer
2. Searching and analyzing open-source datasets for our cybersecurity use case
3. Data preprocessing, analysis, visualization and feature engineering
4. Research about optimization algorithms for feature selection
5. Research about different classification algorithms
6. Research about different evaluation metrics used to evaluate results of classifier model
7. Feature selection using heuristic algorithms
8. Training the models
9. Evaluation of models
10. Documentation of results