

Final Year Project

Collecting Data

Access to Cyber Range

- Gain access to Cyber Range
- Gained Access

Make the required data

- Learn how to set up cyber range
- Create various network topologies
- Learn how to simulate Background...
- Regenerate results and compare t...
- Data ready to be collected

Collect data

- Collect data
- Sanitise data
- Data Collected

Machine Learning Model

Build model

- Choose which algorithm to use
- Build model
- Base Model constructed

Refine model

- Select Nodes that will influence m...
- Use dataset to teach model
- Model refined

Test model

- Test model against new data
- record results
- Finished with Machine Learning Model

Write-Up

Support 1

- Title Page
- Abstract
- Acknowledgements
- Table of Contents
- Table of Figures
- Support 1 Completed

Main Body

- Introduction
- Background
- Approach
- Implementation
- Results and Evaluation
- Future Work
- Conclusions
- Reflection on Learning
- Main Body Completed

Support 2

- Glossary
- Table of Abbreviations
- Appendices
- References
- Support 2 Completed

Proof Read

- Proof Read

COMPLETED

