

Research Proposal Outline

Project Title: Implementing Cyber Threat Intelligence in Dark Web Cybercrime Prediction

Significance/Contribution to the discipline/Research Problem (200 words)

- Strengthens the reputation of cybersecurity organisations
- Contributing to forensics and criminology research
- Protects future victims

Research Question (100 words)

- How has the implementation of cybersecurity techniques such as CTI and criminal profiling contributed towards cybercrime prediction and what are key gaps in the future of cybercrime mitigation?

Aims and Objectives (200 words)

- Evaluate the existing body of literature that explores the implementation of CTI in dark web cybercrime prediction.
- Examine the strengths, limitations, and gaps in the current research
- Effectiveness and potential challenges of integrating CTI into predictive models for combatting cybercrime in the dark web

Key literature related to the project (400 words)

- Cyber Threat Intelligence (CTI)
- Criminology

- Dark web
- Cybercrime prediction

Methodology/Development strategy/Research Design (400 words)

- Secondary quantitative and qualitative analysis

Ethical considerations and risk assessment (as part of ethical approval application)

(300 words)

- GDPR

Description of any applicable artefact(s) that will be created (200 words)

- Coded qualitative analysis data

Timeline of proposed activities (200 words)

- Gantt chart detailing phases
 - Phase 1: Data collection
 - Phase 2: Data analysis / synthesis
 - Phase 3: Report write-up

References