TOPIC: REVIEW OF THE ROLE OF MACHINE LEARNING IN CYBERSECURITY THREAT DETECTION AND PREVENTION

INTRODUCTION
<introduction to the the need for cybersecurity>
<little discussion on what cybersecurity is>
<examples of cybercrimes in the past>
<introduction to machine learning (ml)>
<popular ml techniques>

LITERATURE REVIEW ON MACHINE LEARNING AND CYBERSECURITY

<ml techniques used in vulnerability detection>
<ml techniques used in malware detection>
<ml techniques used in spam detection>
<ml techniques used in phishing detection>
<ml techniques used in intrusion detection>
<ml techniques used in threat analysis>

CHALLENGES OF USING ML WITH CYBERSECURITY

REFERENCES