**Network Traffic Analysis**

**(Dos attack-detection and mitigation)**

1. **Introduction**

Network Traffic Analysis or NTA is a process of recording and analysing the traffic communication pattern which utilizes the machine learning, behavioural modelling and rule-based detection to spot anomalies or suspicious network activities. To understand NTA better its important to understand what a Network traffic is and how it works

OSI model , Layers of network ,packets, packet capturing, capturing tools,

1. **Dos Attack**
2. **History**
3. **Type of Dos attack**
4. **Dos detection and mitigation**
5. **comparing various ML methods for detection**
6. **conclusion**