

# Packet Capture Analysis

Team Members:

Astha Rani

Chetan Surya D

Deekshitha

Sarthak Mishra

Shivaneeth P

Mentor:

Mr. Prabodh CP

# Overview

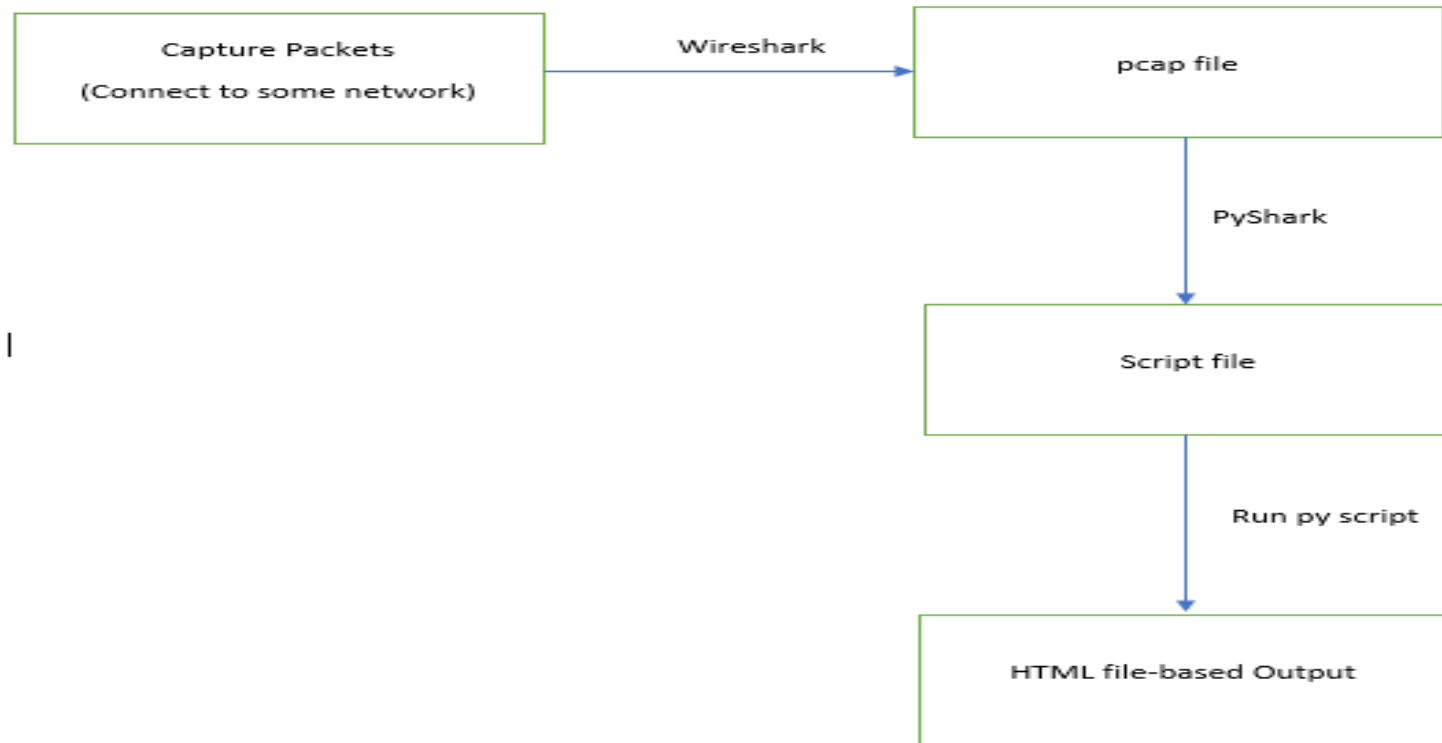
---

This project aims at capturing packets and generating analysis using specific fields namely Length(bytes), Protocol used, Time of capturing and No. of packets captured.

To aid us in analyzing the packets, we will be dealing with pyshark and tshark(command line version of wireshark).



# Development Flow



# Captured Packet Details

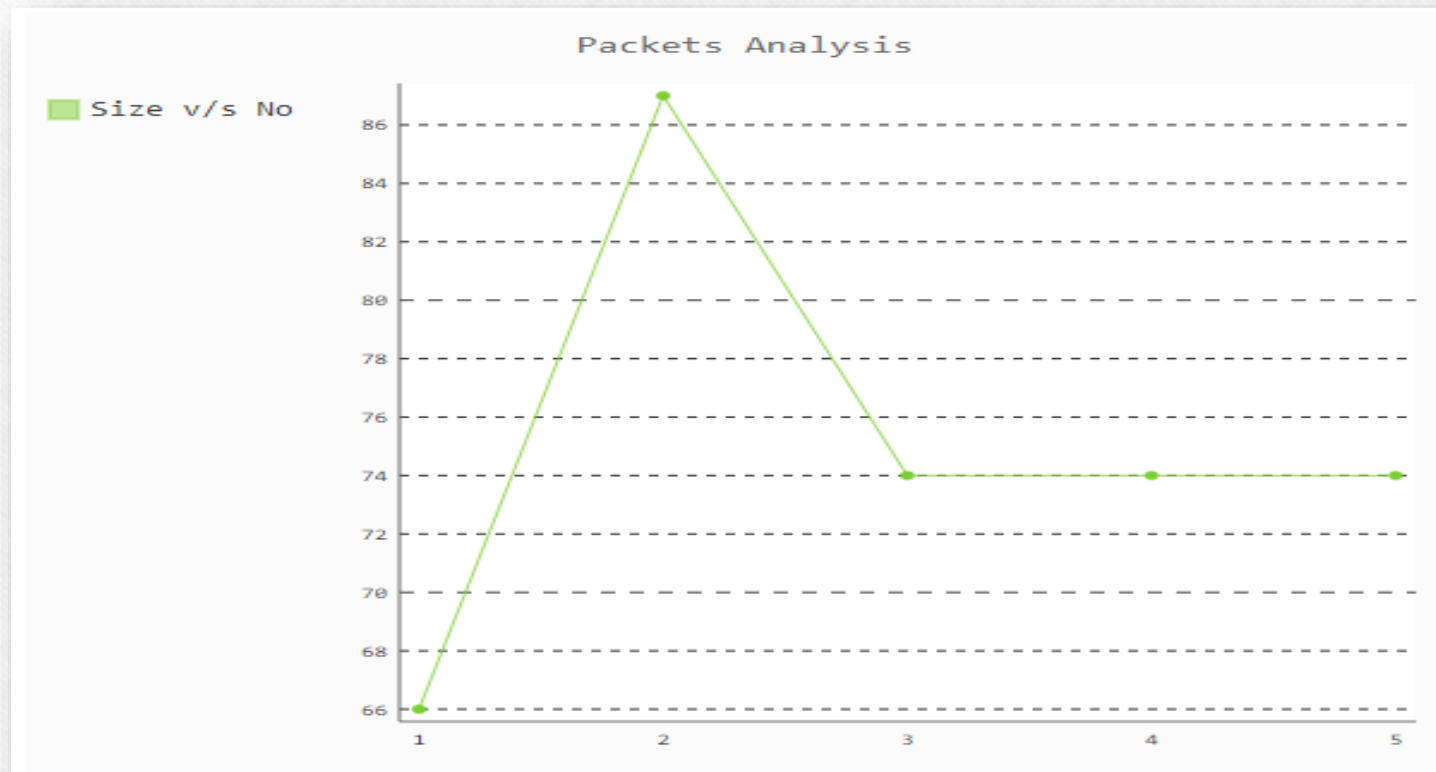
---

## Captured Packets

### Packet Summary

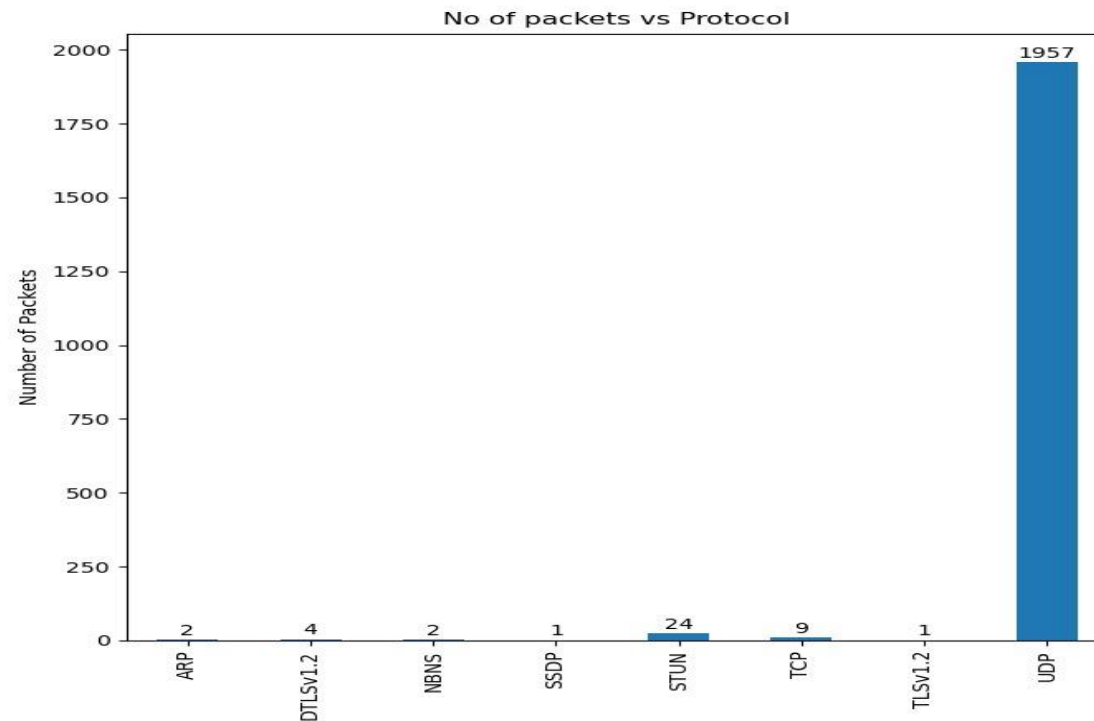
No	Time	Source IP	Dest. IP	Protoc.	Len	Port	Info
2	0.049502	2404:6800:4007:809::2002	2401:4900:4bc2:d73:25d9:5a63:1eec:6678	UDP	87	443	\xe2\x86\x92 54643 Len=25
3	0.159692	2001:4de0:ac19::1:b:1a	2401:4900:4bc2:d73:25d9:5a63:1eec:6678	TCP	74	443	\xe2\x86\x92 49617 [FIN, ACK] Seq=1 Ack=1 Win=53 Len=0
4	0.186285	2001:4de0:ac19::1:b:1a	2401:4900:4bc2:d73:25d9:5a63:1eec:6678	TCP	74	443	\xe2\x86\x92 49620 [FIN, ACK] Seq=1 Ack=1 Win=53 Len=0
5	0.346351	2001:4de0:ac19::1:b:1a	2401:4900:4bc2:d73:25d9:5a63:1eec:6678	TCP	74	443	\xe2\x86\x92 49622 [FIN, ACK] Seq=1 Ack=1 Win=53 Len=0

# Packet Size vs Packet Number

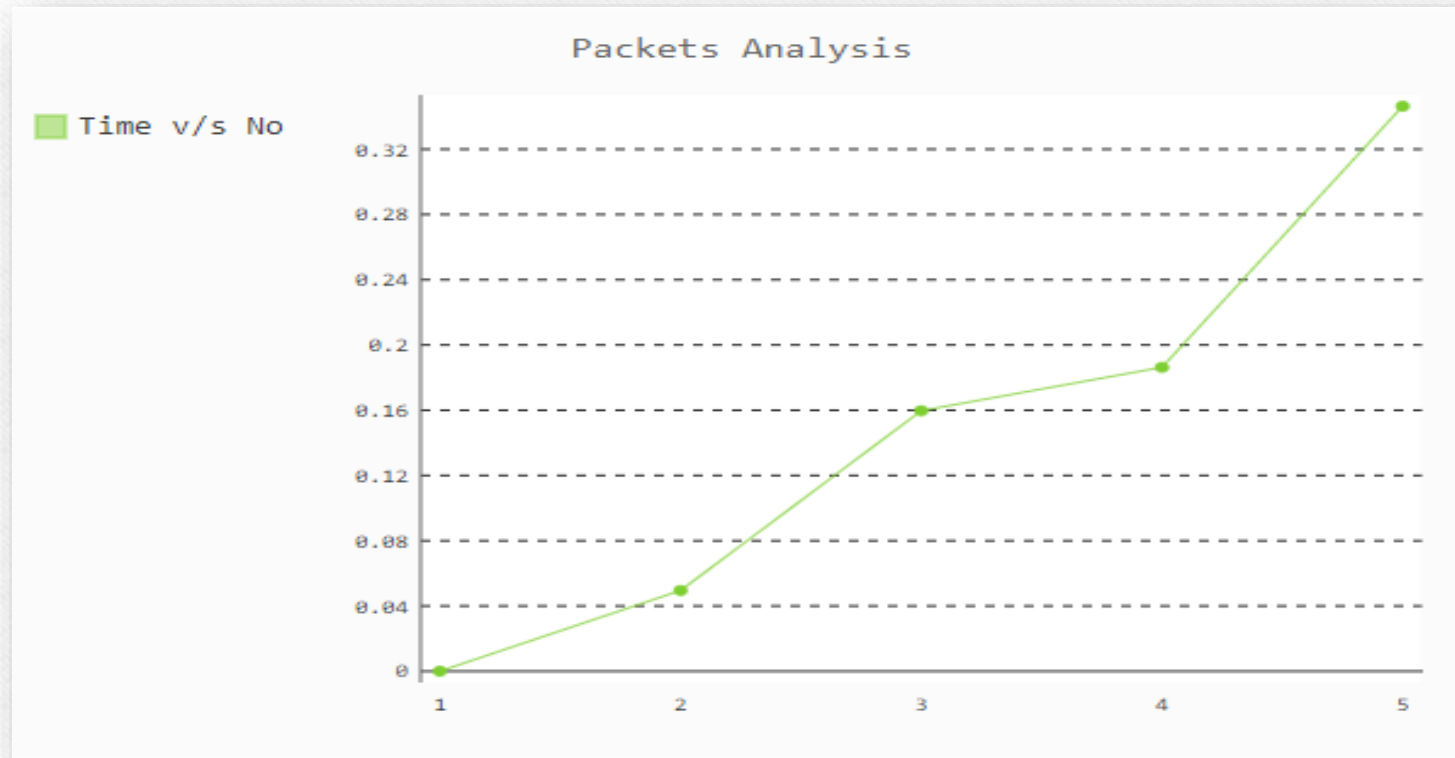




# No. of packets vs Protocol Used



# Captured Time vs Packet Number



---

**THANK YOU**