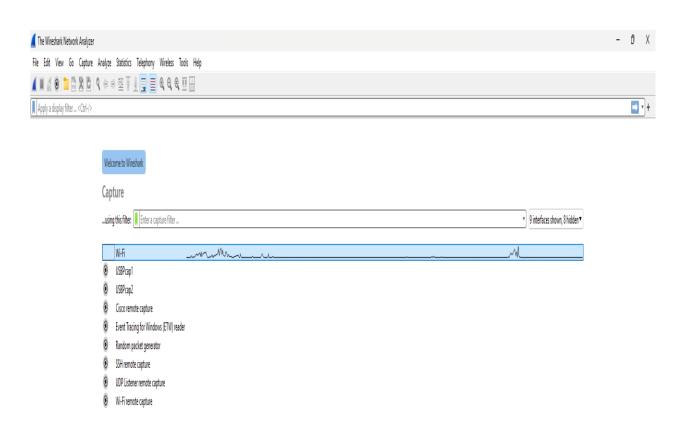
CYBER SECURITY INTERNSHIP

Task 5: Capture and Analyze Network Traffic Using Wireshark.

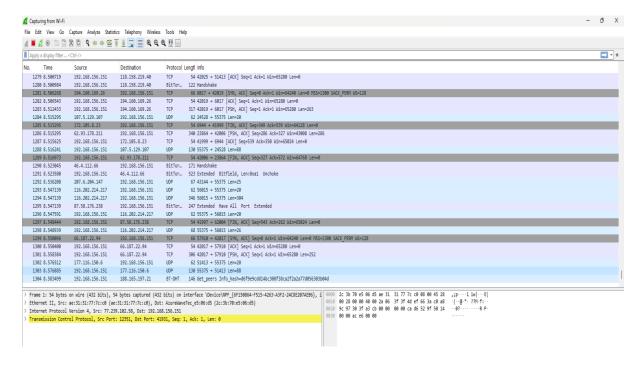
Objective: Capture live network packets and identify basic protocols and traffic types.

Tools: Wireshark (free). Deliverables: A packet capture (.pcap) file and a short report of protocols identified

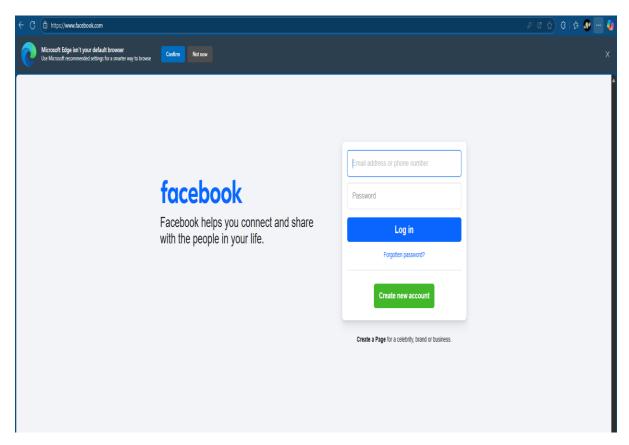
1.Install Wireshark



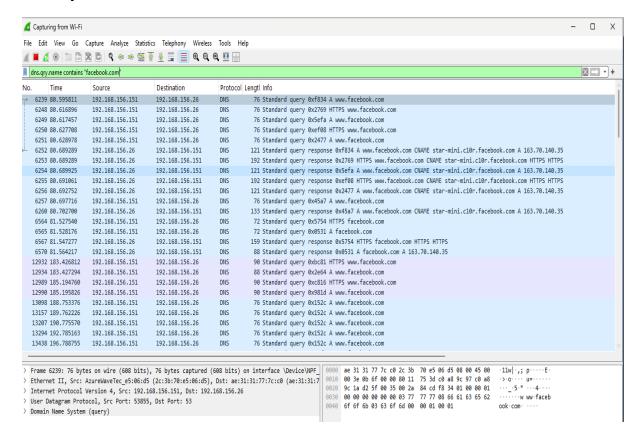
2. Start capturing on your active network interface



3. Browse a website or ping a server to generate traffic.



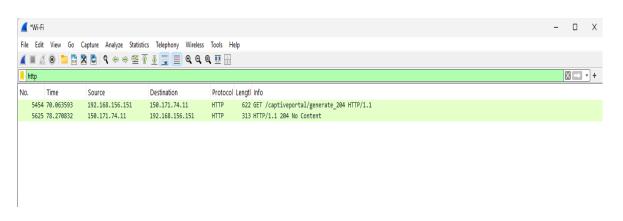
Example website: "facebook.com" traffic



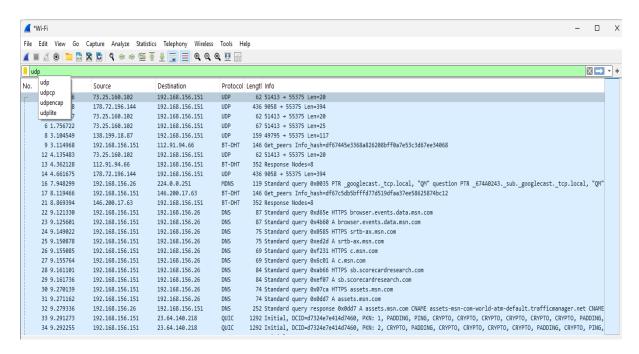
4. Stop capture after a minute

5. Filter captured packets by protocol (e.g., HTTP, DNS, TCP)

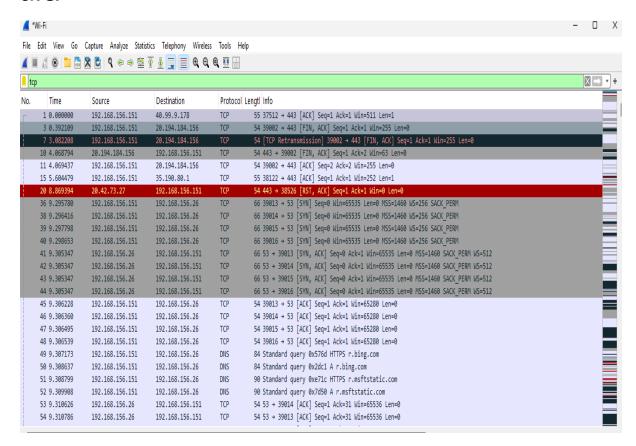
a.HTTP



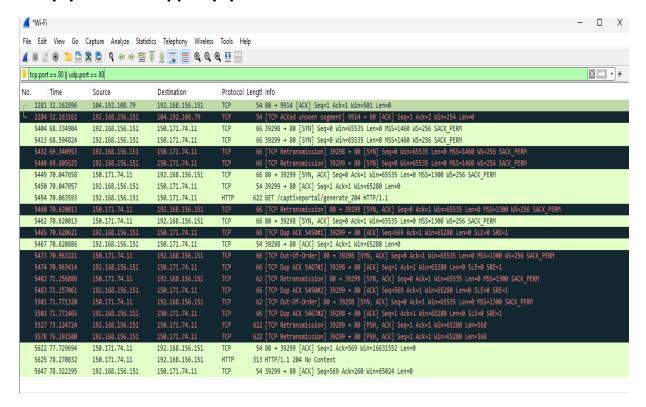
b.UDP



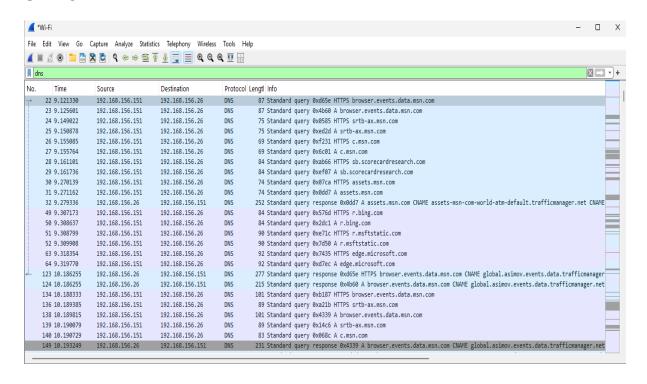
c.TCP



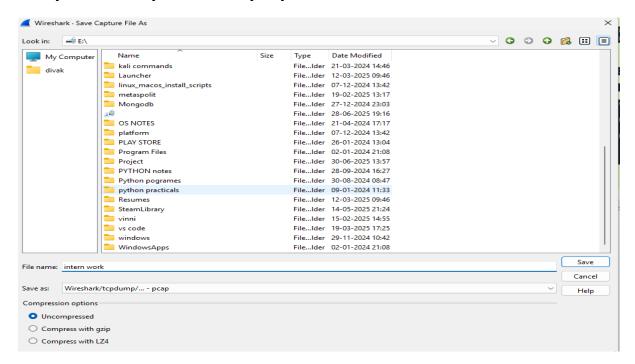
d.tcp.port == 80 || udp.port == 80



e.DNS



7. Export the capture as a .pcap file.



8. findings and packet details.

