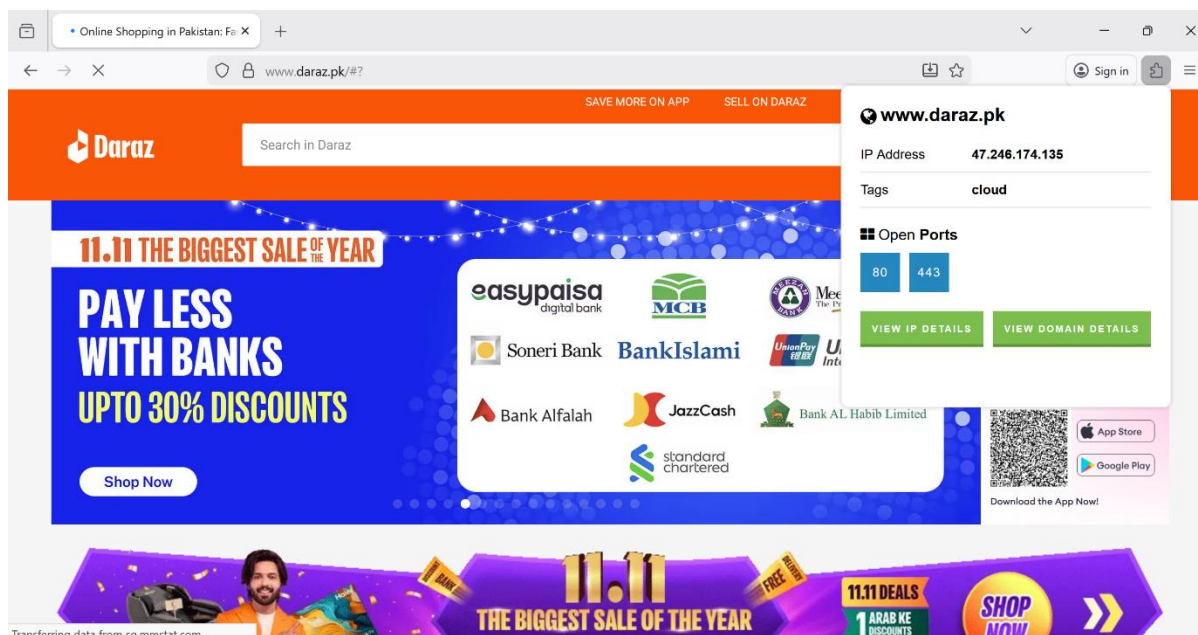# TASK 1: BASIC NETWORK SCANNING WITH NMAP

Step 1: Open Kali Linux.

Step 2: Select one random site such as Daraz.pk

Step 3: Then download the Shodan extension on the Firefox browser.

Step 4: Then open the respect site and click on the shodan extension, it will give the IP address

of that respective site as follows

Step 5: After that copy the IP Addresses of all the sites.

Step 6: Open the terminal and follow the below steps

I. Sudo su

II. Type your password

III. Then type the following commands

IV. nmap -p- <ip address> (used to find open ports of that website)

File   Machine   View   Input   Devices   Help

Session Actions Edit View Help

root@kali: /home/kali

```
┌──(root💀kali)-[/home/kali]
└─# nmap -p- 47.246.174.135
Starting Nmap 7.95 ( https://nmap.org ) at 2025-11-13 12:24 EST
Nmap scan report for 47.246.174.135
Host is up (0.00043s latency).
Not shown: 65533 filtered tcp ports (no-response)
PORT    STATE SERVICE
80/tcp  open  http
443/tcp open  https

Nmap done: 1 IP address (1 host up) scanned in 138.09 seconds
```