

- **IPV4\_SRC\_ADDR:** Source IPv4 address - The IP address of the originating device in a network flow.
- **L4\_SRC\_PORT:** Source Layer 4 port - The port number used by the source in the communication.
- **IPV4\_DST\_ADDR:** Destination IPv4 address - The IP address of the destination device in a network flow.
- **L4\_DST\_PORT:** Destination Layer 4 port - The port number used by the destination in the communication.
- **PROTOCOL:** Network protocol used - Numerical identifier for the protocol used (e.g., TCP = 6, UDP = 17).
- **L7\_PROTO:** Layer 7 protocol - Numerical identifier for the application layer protocol (e.g., HTTP, FTP).
- **IN\_BYTES:** Incoming bytes - The total number of bytes received in this flow.
- **IN\_PKTS:** Incoming packets - The total number of packets received in this flow.
- **OUT\_BYTES:** Outgoing bytes - The total number of bytes sent in this flow.
- **OUT\_PKTS:** Outgoing packets - The total number of packets sent in this flow.
- **TCP\_FLAGS:** TCP flags - Bitwise combination of TCP flags observed in the traffic (e.g., SYN, ACK).
- **CLIENT\_TCP\_FLAGS:** TCP flags from client - Specific TCP flags set by the client.
- **SERVER\_TCP\_FLAGS:** TCP flags from server - Specific TCP flags set by the server.
- **FLOW\_DURATION\_MILLISECONDS:** Duration of flow in milliseconds - Total time duration of the network flow.
- **DURATION\_IN:** Duration of incoming traffic - Time duration for incoming packets.
- **DURATION\_OUT:** Duration of outgoing traffic - Time duration for outgoing packets.
- **MIN\_TTL:** Minimum Time to Live - The lowest TTL value observed in the packets of the flow.
- **MAX\_TTL:** Maximum Time to Live - The highest TTL value observed in the packets of the flow.
- **LONGEST\_FLOW\_PKT:** Longest packet in the flow - The size of the largest packet in the flow.
- **SHORTEST\_FLOW\_PKT:** Shortest packet in the flow - The size of the smallest packet in the flow.
- **MIN\_IP\_PKT\_LEN:** Minimum IP packet length - The smallest packet size observed in the flow.
- **MAX\_IP\_PKT\_LEN:** Maximum IP packet length - The largest packet size observed in the flow.
- **SRC\_TO\_DST\_SECOND\_BYTES:** Source to destination bytes per second - Rate of the byte transfer from source to destination.
- **DST\_TO\_SRC\_SECOND\_BYTES:** Destination to source bytes per second - Rate of the byte transfer from destination to source.
- **RETRANSMITTED\_IN\_BYTES:** Retransmitted incoming bytes - The number of bytes that were retransmitted in incoming traffic.
- **RETRANSMITTED\_IN\_PKTS:** Retransmitted incoming packets - The number of packets that were retransmitted in incoming traffic.

- **RETRANSMITTED\_OUT\_BYTES:** Retransmitted outgoing bytes - The number of bytes that were retransmitted in outgoing traffic.
- **RETRANSMITTED\_OUT\_PKTS:** Retransmitted outgoing packets - The number of packets that were retransmitted in outgoing traffic.
- **SRC\_TO\_DST\_AVG\_THROUGHPUT:** Average throughput from source to destination - Average rate of data transfer from source to destination.
- **DST\_TO\_SRC\_AVG\_THROUGHPUT:** Average throughput from destination to source - Average rate of data transfer from destination to source.
- **NUM\_PKTS\_UP\_TO\_128\_BYTES:** Number of packets up to 128 bytes - The count of packets whose size does not exceed 128 bytes.
- **NUM\_PKTS\_128\_TO\_256\_BYTES:** Number of packets between 128 to 256 bytes - The count of packets whose size is between 128 and 256 bytes.
- **NUM\_PKTS\_256\_TO\_512\_BYTES:** Number of packets between 256 to 512 bytes - The count of packets whose size is between 256 and 512 bytes.
- **NUM\_PKTS\_512\_TO\_1024\_BYTES:** Number of packets between 512 to 1024 bytes - The count of packets whose size is between 512 and 1024 bytes.
- **NUM\_PKTS\_1024\_TO\_1514\_BYTES:** Number of packets between 1024 to 1514 bytes - The count of packets whose size is between 1024 and 1514 bytes.
- **TCP\_WIN\_MAX\_IN:** Maximum TCP window size in incoming traffic - Indicates the largest TCP window size advertised by the receiver in incoming traffic