In [3]: import pandas as pd
 df=pd.read_csv('cybersecurity_attacks.csv')
 df.head()

Out[3]:

	Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	Payloa Dat
0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	Qui natu odi asperiore nam. Opti nobis ius.
1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	НТТР	Aperiar quos mod officii veritati rem Omni.
2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Perferendi sapient vita soluta. Hi delectu.
3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	Totar maxim beata expedit explicab porro I.
4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	ТСР	1462	Data	DNS	Od nesciur dolorer nisi ist iusto. Anin v.

5 rows × 25 columns

In [7]: df.shape

Out[7]: (40000, 25)

In [8]: df.isnull().sum()

```
Timestamp
                                        0
 Out[8]:
         Source IP Address
                                        0
         Destination IP Address
                                        0
         Source Port
                                        0
         Destination Port
                                        0
         Protocol
                                        0
         Packet Length
                                        0
         Packet Type
                                        0
                                        0
         Traffic Type
         Payload Data
                                        0
         Malware Indicators
                                    20000
         Anomaly Scores
         Alerts/Warnings
                                    20067
         Attack Type
                                        0
         Attack Signature
                                        0
         Action Taken
                                        0
                                        0
         Severity Level
         User Information
                                        0
         Device Information
                                        0
         Network Segment
                                        0
         Geo-location Data
                                        0
         Proxy Information
                                    19851
         Firewall Logs
                                   19961
         IDS/IPS Alerts
                                    20050
         Log Source
                                        0
         dtype: int64
         df.isnull().sum().sum()
 In [9]:
         99929
 Out[9]:
In [10]: ##filling the null values
         df2=df.fillna(value=0)
In [12]:
```

Out[12]:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	I
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	НТТР	Q as na no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	НТТР	qu verita
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Per : vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is /
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
	39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	НТТР	v volu

40000 rows × 25 columns

```
In [13]: df2.isnull().sum().sum()
```

Out[13]:

In [14]: #filling the null values with previous value

df3=df.fillna(method='pad')
df3

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:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	I
		2023-05-30	100 016 15 10	04.0.404.050	24225	17010	IOMP	F00	Data	LITTO	Ç
	0	06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	as na no
	1	2020-08-26	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	HTTP	qu
	_	07:08:30	10.100.211.100	00.131.167.154	11240	40100	TOTAL	1114	Data		verita
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Per : vita
											Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	,
											е
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is
											F
											Qui
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	conse
		2022 22 27									neq
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	HTTP	
											С
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo
											p ear
	39999	2023-10-10	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	НТТР	V
		11:59:52	0	_30.200.10.1	50201	230.0		5	_ 501		volu

In [15]: #filling null values with next value

df4=df.fillna(method='bfill')
df4

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:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	I
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	Q as na no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	HTTP	qu
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Per : vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is /
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
	39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	v volu

In [17]: #filling null values with backward values

df5=df.fillna(method='pad',axis=1)

df5

:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	ı
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	Q as na no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	HTTP	qu verita
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Per vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
	39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	v volu

In [18]: #filling null values with forward values df7=df.fillna(method='bfill',axis=1)

										ui /
I	Traffic Type	Packet Type	Packet Length	Protocol	Destination Port	Source Port	Destination IP Address	Source IP Address	Timestamp	
Q as na no	НТТР	Data	503	ICMP	17616	31225	84.9.164.252	103.216.15.12	2023-05-30 06:33:58	0
qu verita	HTTP	Data	1174	ICMP	48166	17245	66.191.137.154	78.199.217.198	2020-08-26 07:08:30	1
Per : vita Hic c	НТТР	Control	306	UDP	53600	16811	198.219.82.17	63.79.210.48	2022-11-13 08:23:25	2
e	HTTP	Data	385	UDP	32534	20018	101.228.192.255	163.42.196.10	2023-07-02 10:38:46	3
Odit dolc is /	DNS	Data	1462	TCP	26646	6131	189.243.174.238	71.166.185.76	2023-07-16 13:11:07	4
Qui cons conse	НТТР	Control	1428	UDP	6764	31005	121.100.75.240	26.36.109.26	2023-05-26 14:08:42	39995
neq	НТТР	Control	1184	UDP	28091	2553	196.108.134.78	17.21.163.81	2023-03-27 00:38:27	39996
as illur nı	DNS	Data	1043	UDP	25152	22505	98.107.0.15	162.35.217.57	2022-03-31 01:45:49	39997
dolo p ear	FTP	Data	483	UDP	2703	20013	173.79.112.252	208.72.233.205	2023-09-22 18:32:38	39998
V	НТТР	Control	1175	ICMP	55575	50137	109.198.45.7	14.102.21.108	2023-10-10 11:59:52	39999

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		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	I
											Ç
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	as na no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	HTTP	qu
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	НТТР	Per : vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is ,
					•••			•••			
399	95	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
399	996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	HTTP	neq
399	997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
399	98	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
399	999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	voli

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40000 rows × 25 columns

dropna()

In [29]: df10=df.dropna() df10

Out[29]:

	Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	
2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Р
7	2023-02-12 07:13:17	11.48.99.245	178.157.14.116	34489	20396	ICMP	1022	Data	DNS	q
46	2023-05-16 13:01:56	170.211.138.30	172.97.181.148	25022	6593	TCP	554	Control	DNS	cupid
97	2021-10-25 04:23:15	129.189.216.143	197.202.27.160	19199	27928	ICMP	1178	Data	HTTP	Ea ad vo
105	2022-10-30 05:51:47	62.75.113.77	216.196.28.158	42864	48696	ICMP	765	Control	DNS	Dolor maior
39832	2023-01-15 00:16:35	192.68.130.174	47.59.96.194	34978	62423	ICMP	1003	Data	HTTP	
39887	2022-01-31 14:01:44	185.115.82.22	184.58.72.27	7461	13910	TCP	361	Data	DNS	
39896	2020-09-23 07:09:09	85.96.253.113	78.219.210.210	22124	61792	UDP	665	Data	DNS	Atq
39905	2020-12-30 20:32:48	91.16.73.36	172.76.179.79	26461	2781	ICMP	143	Data	HTTP	reic
39956	2022-06-17 02:41:11	205.9.232.102	57.3.168.6	8642	32255	TCP	714	Control	HTTP	Qı

1237 rows × 25 columns

In [31]: df11=df.dropna(how='any') df11

		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	P
	7	2023-02-12 07:13:17	11.48.99.245	178.157.14.116	34489	20396	ICMP	1022	Data	DNS	q
	46	2023-05-16 13:01:56	170.211.138.30	172.97.181.148	25022	6593	TCP	554	Control	DNS	cupid
	97	2021-10-25 04:23:15	129.189.216.143	197.202.27.160	19199	27928	ICMP	1178	Data	HTTP	Ea ad vo
	105	2022-10-30 05:51:47	62.75.113.77	216.196.28.158	42864	48696	ICMP	765	Control	DNS	Dolor maior
3	9832	2023-01-15 00:16:35	192.68.130.174	47.59.96.194	34978	62423	ICMP	1003	Data	HTTP	
3!	9887	2022-01-31 14:01:44	185.115.82.22	184.58.72.27	7461	13910	TCP	361	Data	DNS	
3	9896	2020-09-23 07:09:09	85.96.253.113	78.219.210.210	22124	61792	UDP	665	Data	DNS	Atq
3	9905	2020-12-30 20:32:48	91.16.73.36	172.76.179.79	26461	2781	ICMP	143	Data	HTTP	reic
3	9956	2022-06-17 02:41:11	205.9.232.102	57.3.168.6	8642	32255	TCP	714	Control	HTTP	Qı

1237 rows × 25 columns

In [32]: df12=df.dropna(axis=1)
 df12

Out[32]:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	1
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	Q as nai no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	HTTP	qu verita
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Per : vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	НТТР	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is ,
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear

55575

ICMP

1175 Control HTTP

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14.102.21.108 109.198.45.7 50137

40000 rows × 20 columns

39999 2023-10-10 11:59:52

replace()

import numpy as np
 df13=df.replace(to_replace=np.nan,value=20)
 df13

Out[33]:

:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	1
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	Q as na no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	НТТР	qu verita
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	НТТР	Per : vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is
;	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
;	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq:
;	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illur nı
;	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
;	39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	v volu

In [36]: df14=df.replace(to_replace=17616, value=27616)
df14

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			_			_	

	Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	1
0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	27616	ICMP	503	Data	НТТР	Q as na no
1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	НТТР	qu verita
2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	HTTP	Per : vita Hic c
3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is ,
39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq
39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	v volu

In [39]: df['Proxy Information']=df['Proxy Information'].interpolate(method='linear')
 df

			-	0	7	
- 1 1	11	-	~	u	- 1	
U	u	L.	J	J	- 1	
					-	

:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	I
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	НТТР	Q as na no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	НТТР	qu verita
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	НТТР	Per : vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is /
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	НТТР	neq
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
	39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	v volu

df['Proxy Information']=df['Proxy Information'].interpolate(method='linear',limit_direct df **Destination IP** Source IP Source Destination Packet Traffic 1 Out[40]: Packet **Timestamp** Protocol **Address Address Port Port** Length **Type** Type Ç 2023-05-30 84.9.164.252 0 103.216.15.12 31225 17616 **ICMP** 503 Data HTTP as 06:33:58 na no qι 2020-08-26 78.199.217.198 1 66.191.137.154 17245 48166 **ICMP** 1174 Data HTTP 07:08:30 verita Per 2022-11-13 2 UDP 63.79.210.48 198.219.82.17 16811 53600 306 Control HTTP 08:23:25 vita Hic c 2023-07-02 3 385 163.42.196.10 101.228.192.255 20018 32534 **UDP** Data **HTTP** 10:38:46 е Odit dolc 2023-07-16 4 71.166.185.76 189.243.174.238 6131 26646 **TCP** 1462 DNS Data 13:11:07 is F Qui 2023-05-26 39995 26.36.109.26 121.100.75.240 31005 6764 **UDP** 1428 Control HTTP cons 14:08:42 conse

neg 2023-03-27 39996 17.21.163.81 196.108.134.78 2553 28091 **UDP** 1184 Control HTTP 00:38:27 С as 2022-03-31 39997 162.35.217.57 98.107.0.15 22505 25152 **UDP** 1043 DNS Data illum 01:45:49 nι dolo 2023-09-22 39998 208.72.233.205 173.79.112.252 20013 2703 **UDP** 483 Data FTP 18:32:38 p ear 2023-10-10 ٧ 39999 14.102.21.108 109.198.45.7 50137 55575 **ICMP** 1175 Control 11:59:52 volι

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Out[2]:

:		Timestamp	Source IP Address	Destination IP Address	Source Port	Destination Port	Protocol	Packet Length	Packet Type	Traffic Type	I
	0	2023-05-30 06:33:58	103.216.15.12	84.9.164.252	31225	17616	ICMP	503	Data	HTTP	Q as nai no
	1	2020-08-26 07:08:30	78.199.217.198	66.191.137.154	17245	48166	ICMP	1174	Data	HTTP	qu
	2	2022-11-13 08:23:25	63.79.210.48	198.219.82.17	16811	53600	UDP	306	Control	НТТР	Per vita Hic c
	3	2023-07-02 10:38:46	163.42.196.10	101.228.192.255	20018	32534	UDP	385	Data	HTTP	e
	4	2023-07-16 13:11:07	71.166.185.76	189.243.174.238	6131	26646	TCP	1462	Data	DNS	Odit dolc is ,
	39995	2023-05-26 14:08:42	26.36.109.26	121.100.75.240	31005	6764	UDP	1428	Control	HTTP	Qui cons conse
	39996	2023-03-27 00:38:27	17.21.163.81	196.108.134.78	2553	28091	UDP	1184	Control	HTTP	neq
	39997	2022-03-31 01:45:49	162.35.217.57	98.107.0.15	22505	25152	UDP	1043	Data	DNS	as illum nı
	39998	2023-09-22 18:32:38	208.72.233.205	173.79.112.252	20013	2703	UDP	483	Data	FTP	dolo p ear
	39999	2023-10-10 11:59:52	14.102.21.108	109.198.45.7	50137	55575	ICMP	1175	Control	HTTP	v volu

In []:			