Date: Starting from Jan 1993 to Jan 2021 in Datetime format

Import Price Index: Change n prices of products *imported* from foreign.

Employees: The total of people working in Clothing industry(in Thousands of persons)

Material Supply: Monthly material supply in million USD

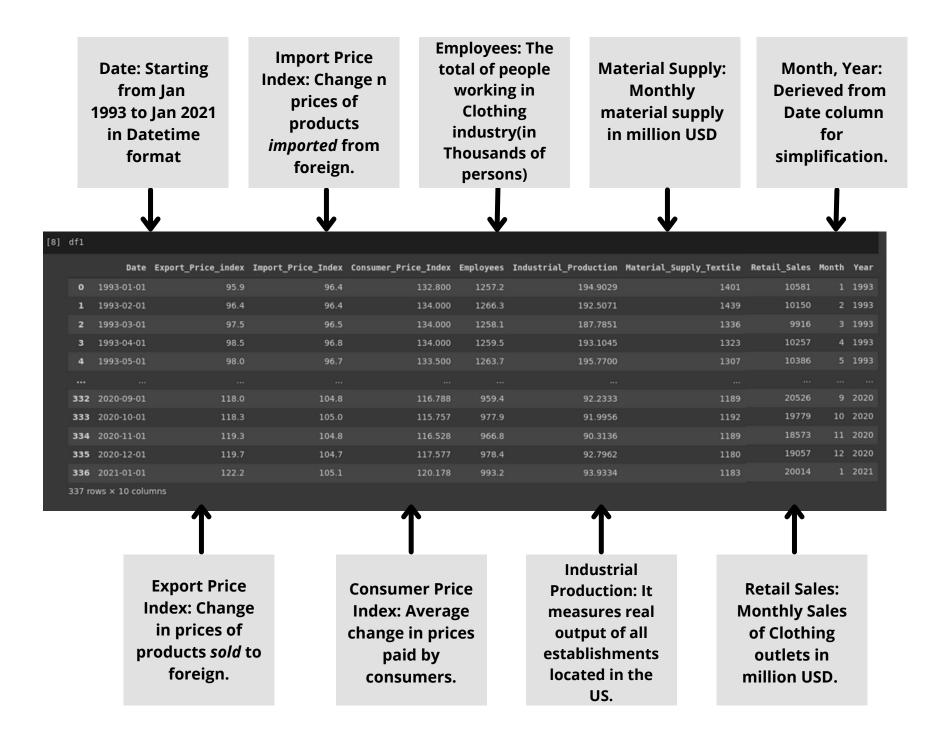**Month, Year: Derieved from Date column for simplification.**

```
[8] df1
```

	Date	Export_Price_index	Import_Price_Index	Consumer_Price_Index	Employees	Industrial_Production	Material_Supply_Textile	Retail_Sales	Month	Year
0	1993-01-01	95.9	96.4	132.800	1257.2	194.9029	1401	10581	1	1993
1	1993-02-01	96.4	96.4	134.000	1266.3	192.5071	1439	10150	2	1993
2	1993-03-01	97.5	96.5	134.000	1258.1	187.7851	1336	9916	3	1993
3	1993-04-01	98.5	96.8	134.000	1259.5	193.1045	1323	10257	4	1993
4	1993-05-01	98.0	96.7	133.500	1263.7	195.7700	1307	10386	5	1993
...	...	...	...	...	...	...	...	...	...	...
332	2020-09-01	118.0	104.8	116.788	959.4	92.2333	1189	20526	9	2020
333	2020-10-01	118.3	105.0	115.757	977.9	91.9956	1192	19779	10	2020
334	2020-11-01	119.3	104.8	116.528	966.8	90.3136	1189	18573	11	2020
335	2020-12-01	119.7	104.7	117.577	978.4	92.7962	1180	19057	12	2020
336	2021-01-01	122.2	105.1	120.178	993.2	93.9334	1183	20014	1	2021

337 rows × 10 columns

Export Price Index: Change in prices of products *sold* to foreign.

Consumer Price Index: Average change in prices paid by consumers.

Industrial Production: It measures real output of all establishments located in the US.

Retail Sales: Monthly Sales of Clothing outlets in million USD.

Date: Starting from Jan 1993 to Jan 2021 in Datetime format

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Material Supply: Monthly material supply in million USD

Month, Year: Derieved from Date column for simplification.

```
[8] df1

          Date  Export_Price_index  Import_Price_Index  Consumer_Price_Index  Employees  Industrial_Production  Material_Supply_Textile  Retail_Sales  Month  Year
    0  1993-01-01                95.9                96.4               132.800     1257.2               194.9029                     1401         10581      1  1993
    1  1993-02-01                96.4                96.4               134.000     1266.3               192.5071                     1439         10150      2  1993
    2  1993-03-01                97.5                96.5               134.000     1258.1               187.7851                     1336          9916      3  1993
    3  1993-04-01                98.5                96.8               134.000     1259.5               193.1045                     1323         10257      4  1993
    4  1993-05-01                98.0                96.7               133.500     1263.7               195.7700                     1307         10386      5  1993
   ...        ...                 ...                 ...                   ...        ...                    ...                      ...           ...    ...   ...
  332  2020-09-01               118.0               104.8               116.788      959.4                92.2333                     1189         20526      9  2020
  333  2020-10-01               118.3               105.0               115.757      977.9                91.9956                     1192         19779     10  2020
  334  2020-11-01               119.3               104.8               116.528      966.8                90.3136                     1189         18573     11  2020
  335  2020-12-01               119.7               104.7               117.577      978.4                92.7962                     1180         19057     12  2020
  336  2021-01-01               122.2               105.1               120.178      993.2                93.9334                     1183         20014      1  2021

337 rows × 10 columns
```
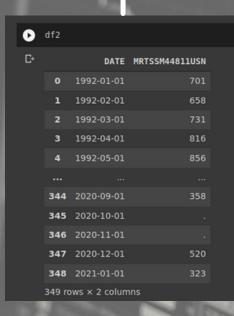
Export Price Index: Change in prices of products *sold* to foreign.

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Industrial Production: It measures real output of all establishments located in the US.

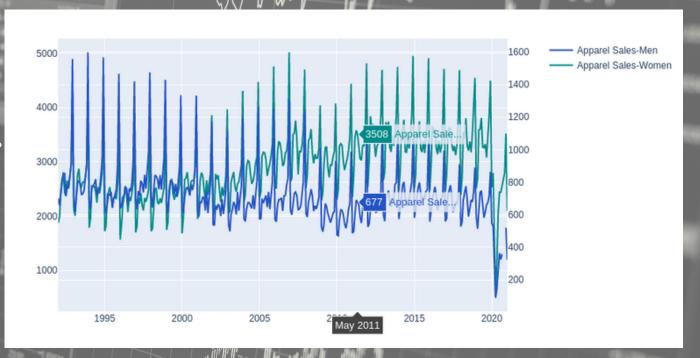**Retail Sales:** Monthly Sales of Clothing outlets in million USD.

df3

	DATE	MRTSSM44812USN
0	1992-01-01	1873
1	1992-02-01	1991
2	1992-03-01	2403
3	1992-04-01	2665
4	1992-05-01	2752
...	...	...
344	2020-09-01	2557
345	2020-10-01	2690
346	2020-11-01	2795
347	2020-12-01	3520
348	2021-01-01	2099

349 rows × 2 columns

Date: Starting from Jan 1993 to Jan 2021 in Datetime format

df2

	DATE	MRTSSM44811USN
0	1992-01-01	701
1	1992-02-01	658
2	1992-03-01	731
3	1992-04-01	816
4	1992-05-01	856
...	...	...
344	2020-09-01	358
345	2020-10-01	.
346	2020-11-01	.
347	2020-12-01	520
348	2021-01-01	323

349 rows × 2 columns

Export Price Index: Change in prices of products *sold* to foreign.

df3

	DATE	MRTSSM44812USN
0	1992-01-01	1873
1	1992-02-01	1991
2	1992-03-01	2403
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349 rows × 2 columns

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	DATE	MRTSSM44811USN
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...	...	...
344	2020-09-01	358
345	2020-10-01	.
346	2020-11-01	.
347	2020-12-01	520
348	2021-01-01	323

349 rows × 2 columns

Export Price Index: Change in prices of products *sold* to foreign.

df1

	ds	y
0	2013-10-01	723582
1	2013-11-01	740394
2	2013-12-01	740192
3	2014-01-01	746589
4	2014-02-01	752210
...	...	...
80	2020-06-01	1381381
81	2020-07-01	1363543
82	2020-08-01	1311345
83	2020-09-01	1469769
84	2020-10-01	1476952

85 rows × 2 columns

ecom_sales

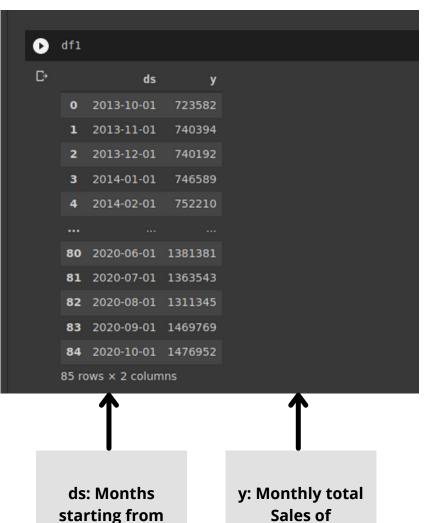|	ds	y
0	2013-10-01	4476
1	2013-11-01	5691
2	2013-12-01	6465
3	2014-01-01	7419
4	2014-02-01	7840
...	...	...
80	2020-06-01	156391
81	2020-07-01	160414
82	2020-08-01	211595
83	2020-09-01	209251
84	2020-10-01	206666

85 rows × 2 columns
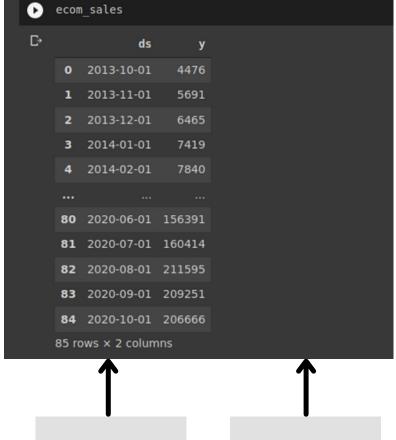
ds: Months starting from Oct 2013 to Oct 2020.

y: Monthly total Sales of Retail(Walmart) sector in USD.

Date : Months starting from Oct 2013 to Oct 2020.

y: Monthly total Sales of E-commerce(Walmart) sector in USD.

df1

	ds	y
0	2013-10-01	723582
1	2013-11-01	740394
2	2013-12-01	740192
3	2014-01-01	746589
4	2014-02-01	752210
...	...	...
80	2020-06-01	1381381
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ecom_sales

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85 rows × 2 columns

Date : Months starting from Oct 2013 to Oct 2020.

y: Monthly total Sales of E-commerce(Walmart) sector in USD.

```
df2
```

	Rank	Goods	Increase percent
0	#1	Disposable Gloves	670
1	#2	Bread Machines	652
2	#3	Cough & Cold	535
3	#4	Soups	397
4	#5	Dried Grains & Rice	386
5	#6	Packaged Foods	377
6	#7	Fruit Cups	326
7	#8	Weight Training	307
8	#9	Milk & Cream	279
9	#10	Dishwashing Supplies	275
10	#11	Paper Towels	264
11	#12	Hand Soap & Sanitizer	262
12	#13	Pasta	249
13	#14	Vegetables	238
14	#15	Flour	238

✓ 0s   completed at 7:29 PM

```
tm3=pd.read_csv('/content/Brand_Value - Sheet1(1).csv')
tm3
```

	Brand	Brand Value 2020	Brand Value % Change\n 2020 Vs. 2019	Category	Country
0	lululemon	9.7	40	Apparel	Canada
1	Costco	28.7	35	Retail	United States
2	Amazon	415.9	32	Retail	United States
3	Target	10.6	32	Retail	United States
4	Walmart	45.8	24	Retail	United States
5	JD.com	25.5	24	Retail	China
6	Sam's Club	6.8	19	Retail	United States
7	Alibaba	152.5	16	Retail	China
8	Tanishq	2.8	15	Retail	India
9	Flipkart	4.7	14	Retail	India
10	Under Armour	2.6	-34	Apparel	United States
11	H&M	4.7	-27	Apparel	Sweden
12	Walgreens	6.8	-26	Retail	United States

✓ 0s   completed at 11:41 PM

Goods: The products sold at e-commerce websites.

Increase percent: Increase in e-commerce sales of products in year 2020.

Brand: The E-commerce Brands all over world.

Brand value in 2020 in Million USD.

Brand value percent change in 2019 in comparison with 2020.

Category: The Sector categories.

Country: The origin of brand.

```
df2
```

	Rank	Goods	Increase percent
0	#1	Disposable Gloves	670
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10	Under Armour	2.6	-34	Apparel	United States
11	H&M	4.7	-27	Apparel	Sweden
12	Walgreens	6.8	-26	Retail	United States

✓ 0s completed at 11:41 PM

Brand: The E-commerce Brands all over world.
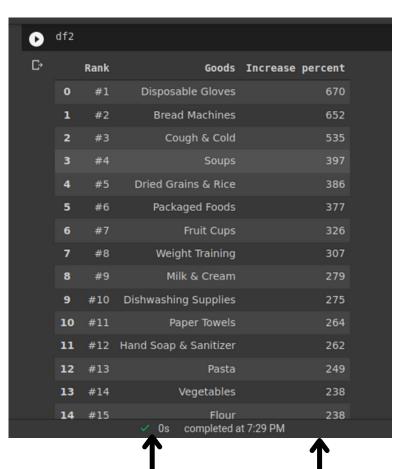
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Brand value in 2020 in Million USD.

Category: The Sector categories.

	Review Website	U.S. Alexa Ranking	Reviews Best For	Avg. Monthly U.S. Traffic	% U.S. Traffic (of Total)
0	Google My Business	1	any business	158.03 million	19.6
1	Amazon	3	e-commerce related	85.44 million	63.6
2	Facebook	4	any business	85.57 million	23.1
3	Yelp	64	any business	40.47 million	87.5
4	Trip Advisor	118	related to food, restaurant, travel	28.27 million	50.4
5	BBB (Better Business Bureau)	647	any business	6.15 million	72.1
6	Yellowpages	694	any business	10.5 million	70.0
7	Manta	957	any business	6.48 million	67.0
8	Angies List	1755	service related business	5.44 million	72.4
9	Foursquare	2418	any business, mostly restaurants	3.67 million	19.3

Review Website: E-commerce websites around the globe.

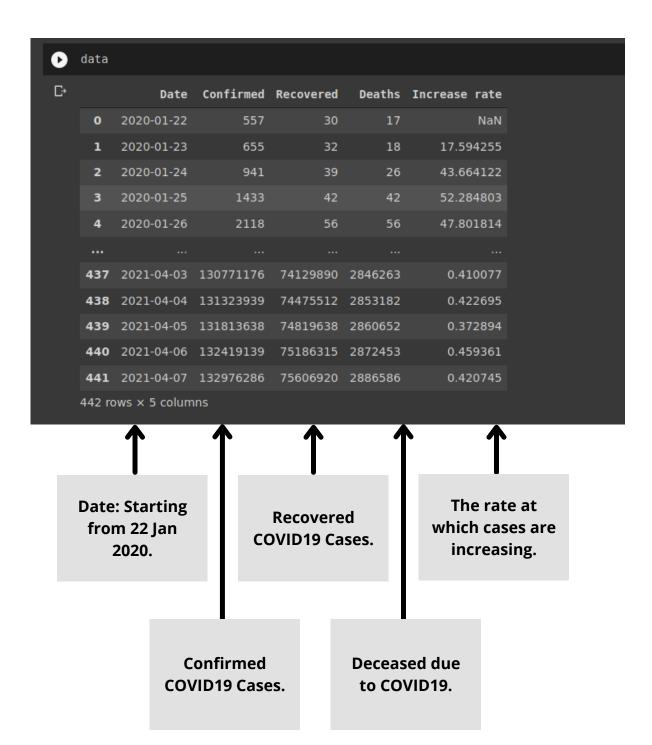**Reviews Best for: The type of e-commerce business/store.**

The percent part of the total traffic at websites.

United States Alexa E-commerce ranking.

Avg. Monthly Traffic: The amount of money earned on the basis of clicks website .

	Review Website	U.S. Alexa Ranking	Reviews Best For	Avg. Monthly U.S. Traffic	% U.S. Traffic (of Total)
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Reviews Best for: The type of e-commerce business/store.

Avg. Monthly Traffic: The amount of money earned on the basis of clicks website .

The percent part of the total traffic at websites.

data

	Date	Confirmed	Recovered	Deaths	Increase rate
0	2020-01-22	557	30	17	NaN
1	2020-01-23	655	32	18	17.594255
2	2020-01-24	941	39	26	43.664122
3	2020-01-25	1433	42	42	52.284803
4	2020-01-26	2118	56	56	47.801814
...	...	...	...	...	...
437	2021-04-03	130771176	74129890	2846263	0.410077
438	2021-04-04	131323939	74475512	2853182	0.422695
439	2021-04-05	131813638	74819638	2860652	0.372894
440	2021-04-06	132419139	75186315	2872453	0.459361
441	2021-04-07	132976286	75606920	2886586	0.420745

442 rows × 5 columns

Date: Starting from 22 Jan 2020.

Recovered COVID19 Cases.

The rate at which cases are increasing.

Confirmed COVID19 Cases.

Deceased due to COVID19.

data

	Date	Confirmed	Recovered	Deaths	Increase rate
0	2020-01-22	557	30	17	NaN
1	2020-01-23	655	32	18	17.594255
2	2020-01-24	941	39	26	43.664122
3	2020-01-25	1433	42	42	52.284803
4	2020-01-26	2118	56	56	47.801814
...	...	...	...	...	...
437	2021-04-03	130771176	74129890	2846263	0.410077
438	2021-04-04	131323939	74475512	2853182	0.422695
439	2021-04-05	131813638	74819638	2860652	0.372894
440	2021-04-06	132419139	75186315	2872453	0.459361
441	2021-04-07	132976286	75606920	2886586	0.420745

442 rows × 5 columns

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