>>> import pandas as pd

>>> df = pd.read\_csv(r'C:\Users\afrin\Downloads\DATA1002 - Filtered.csv')

>>> print(df)

Country Name Date ... Containment Health Index Economic Support Index

0 Australia 20200101 ... 0.00 0.0

1 Australia 20200102 ... 0.00 0.0

2 Australia 20200103 ... 0.00 0.0

3 Australia 20200104 ... 0.00 0.0

4 Australia 20200105 ... 0.00 0.0

... ... ... ... ... ...

2491 United States 20210911 ... 63.10 25.0

2492 United States 20210912 ... 63.10 25.0

2493 United States 20210913 ... 65.48 25.0

2494 United States 20210914 ... 65.48 25.0

2495 United States 20210915 ... 65.48 25.0

[2496 rows x 26 columns]

>>> Eco\_Index=df['Economic Support Index'].max()

>>> print(Eco\_Index)

100.0

>>> print(df.groupby('Country Name')['Economic Support Index'].max()['Australia'])

75.0

>>> print(df.groupby('Country Name')['Economic Support Index'].max()['India'])

75.0

>>> print(df.groupby('Country Name')['Economic Support Index'].max()['United Kingdom'])

100.0

>>> print(df.groupby('Country Name')['Economic Support Index'].max()['United States'])

62.5

>>> Eco\_IndexInfo = df['Economic Support Index'].describe()

>>> print(Eco\_IndexInfo)

count 2455.000000

mean 55.692464

std 34.145005

min 0.000000

25% 25.000000

50% 62.500000

75% 75.000000

max 100.000000

Name: EconomicSupportIndex, dtype: float64

>>> Fiscal\_Relief=df['E2\_Debt/contract relief'].max()

>>> print(Fiscal\_Relief)

2

>>> df.loc[(df['Country Name'] == 'Australia') & (df['E2\_Debt/contract relief'] == 2) & (df['Economic Support Index'] == 75) & (df['Date'] <= 20201231)]

Country Name Date ... Containment Health Index Economic Support Index

84 Australia 20200325 ... 60.12 75.0

85 Australia 20200326 ... 60.12 75.0

86 Australia 20200327 ... 60.12 75.0

87 Australia 20200328 ... 60.12 75.0

88 Australia 20200329 ... 60.12 75.0

.. ... ... ... ... ...

361 Australia 20201227 ... 63.69 75.0

362 Australia 20201228 ... 63.69 75.0

363 Australia 20201229 ... 63.69 75.0

364 Australia 20201230 ... 63.69 75.0

365 Australia 20201231 ... 63.69 75.0

[282 rows x 26 columns]

>>> df.loc[(df['Country Name'] == 'Australia') & (df['E2\_Debt/contract relief'] == 2) & (df['Economic Support Index'] == 75) & (df['Date'] >= 20210101)]

Empty DataFrame

Columns: [Country Name, Date, C1\_School closing, C2\_Workplace closing, C3\_Cancel public events, C4\_Restrictions on gatherings, C5\_Close public transport, C6\_Stay at home requirements, C7\_Restrictions on internal movement, C8\_International travel controls, E1\_Income support, E2\_Debt/contract relief, E3\_Fiscal measures, E4\_International support, H1\_Public information campaigns, H2\_Testing policy, H3\_Contact tracing, H4\_Emergency investment in healthcare, H5\_Investment in vaccines, H6\_Facial Coverings, H7\_Vaccination policy, H8\_Protection of elderly people, Stringency Index, Government Response Index, Containment Health Index, Economic Support Index]

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