fifa.csv (10.4 kB) /kaggle/input/data-for-datavis/fifa.csv

Date	# ARG	# BRA	# ESP	# FRA	# GER	# ITA
1993-08-08	5.0	8.0	13.0	12.0	1.0	2.0
1993-09-23	12.0	1.0	14.0	7.0	5.0	2.0
1993-10-22	9.0	1.0	7.0	14.0	4.0	3.0
1993-11-19	9.0	4.0	7.0	15.0	3.0	1.0
1993-12-23	8.0	3.0	5.0	15.0	1.0	2.0
1994-02-15	9.0	2.0	6.0	14.0	1.0	7.0
1994-03-15	8.0	2.0	6.0	15.0	1.0	11.0
1994-04-19	10.0	1.0	7.0	15.0	2.0	13.0
1994-05-17	6.0	1.0	9.0	17.0	2.0	16.0
1994-06-14	8.0	3.0	5.0	13.0	1.0	4.0
1994-07-21	9.0	1.0	6.0	16.0	4.0	2.0
1994-09-13	9.0	1.0	6.0	20.0	4.0	2.0

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利用 fifa.csv 進行 visualization 分析

Import 讀檔:

```
import pandas as pd
pd.plotting.register_matplotlib_converters()
import matplotlib.pyplot as plt
%matplotlib inline
import seaborn as sns

# Set up code checking
import os
if not os.path.exists("../input/fifa.csv"):
    os.symlink("../input/data-for-datavis/fifa.csv", "../input/fifa.csv")
from learntools.core import binder
binder.bind(globals())
from learntools.data_viz_to_coder.ex1 import *
print("Setup Complete")
```

```
Setup Complete
```

```
# Path of the file to read
fifa_filepath = "../input/fifa.csv"

# Read the file into a variable fifa_data
fifa_data = pd.read_csv(fifa_filepath, index_col="Date", parse_dates=True)

# Check your answer
step_2.check()
```

Plot the data:

```
# Set the width and height of the figure
plt.figure(figsize=(16,6))

# Line chart showing how FIFA rankings evolved over time
sns.lineplot(data=fifa_data)

# Check your answer
step_3.a.check()
```