ENGLICH, Mirko GER Silver 29211 Beijing 2008 Wrestling Wrestling Gre-R Men 84 - 96kg M **29212** Beijing 2008 Wrestling Wrestling Gre-R MIZGAITIS, Mindaugas LTU Men 96 - 120kg Bronze 29213 Beijing 2008 Wrestling Wrestling Gre-R PATRIKEEV, Yuri ARM Men 96 - 120kg Bronze 29214 Beijing LOPEZ, Mijain CUB 96 - 120kg Gold 2008 Wrestling Wrestling Gre-R Men 29215 Beijing 2008 Wrestling Wrestling Gre-R BAROEV, Khasan RUS Men 96 - 120kg Silver 29216 rows × 10 columns olympic_data[olympic_data.Athlete.str.contains('OWENS')].Event.values In [2]: array(['100m', '200m', '4x100m relay', 'long jump'], dtype=object) Out[2]: Q.2 Countries which won most gold medal in singles badminton In []: olympic_data[(olympic_data.Medal=='Gold')&(olympic_data.Gender=='Men')&(olympic_data.Event=='singles')&(olympic_data.Discipline=='Badminton')].sort_values(['At In [20] Event Event_gender Medal Out[20]: City Edition Sport Discipline Athlete NOC Gender 20045 Barcelona 1992 Badminton Badminton BUDI KUSUMA, Alan INA Gold Men singles M **Badminton** 25734 Athens 2004 Badminton HIDAYAT, Taufik INA Men singles Gold 21787 Atlanta 1996 Badminton Badminton HOYER-LARSEN, Poul Erik DEN M Gold Men singles 23717 Sydney 2000 Badminton Badminton JI, Xinpeng CHN Men singles Gold 27741 Beijing 2008 Badminton Badminton LIN, Dan CHN Men singles M Gold Q.3 Countries which receives most medals sorted from recent years In [] In [7]: olympic_data[(olympic_data.Edition>=1984)&(olympic_data.Edition<=1984)]["NOC"].value_counts().head(3) USA 333 Out[7]: FRG 157 106 Name: NOC, dtype: int64 Q.4 List of gold medal winners-male in 100m track event In [] olympic=olympic_data[(olympic_data.Medal=='Gold')&(olympic_data.Gender=='Men')&(olympic_data.Event=='100m')&(olympic_data.Discipline=='Athletics')] In [8]: olympic Out[8]: City Edition Sport Discipline Athlete NOC Gender Event Event_gender Medal 13 Athens 1896 Athletics Athletics BURKE, Thomas USA Men 100m Gold JARVIS, Francis 231 USA Paris 1900 Athletics Athletics Men 100m Gold 737 St Louis 1904 HAHN, Archie USA Athletics Athletics Men 100m M Gold WALKER, Reginald RSA 1191 London 1908 Athletics Athletics Men 100m M Gold CRAIG, Ralph USA 2022 Stockholm 1912 Athletics Athletics Men 100m Μ Gold 2996 1920 PADDOCK, Charles USA 100m M Gold Antwerp Athletics Athletics Men 4236 1924 ABRAHAMS, Harold GBR Gold Paris Athletics Athletics Men 100m Μ WILLIAMS, Percy CAN 5095 1928 Athletics Athletics 100m M Gold Amsterdam Men TOLAN, Eddie USA 5806 1932 Gold Los Angeles Athletics Athletics Men 100m Μ OWENS, Jesse USA 6427 Berlin 1936 Athletics Athletics 100m M Gold Men 7302 1948 Athletics DILLARD, Harrison USA London Athletics Men 100m Μ Gold 1952 Athletics REMIGINO, Lindy USA 8121 Helsinki Gold **Athletics** Men 100m Melbourne / Stockholm 1956 Athletics MORROW, Robert Joseph USA Gold 9009 Athletics Men 100m Μ Athletics 9924 Rome 1960 Athletics HARY, Armin EUA Men 100m M Gold 10823 Tokyo 1964 Athletics Athletics HAYES, Robert USA Men 100m Μ Gold 1968 Athletics 11865 Athletics HINES, James Ray USA 100m M Gold Mexico Men 12902 BORZOV, Valery URS Munich 1972 Athletics Athletics Men 100m Μ Gold 100m 14069 1976 Athletics CRAWFORD, Hasely TRI M Gold Montreal Athletics Men 15374 1980 WELLS, Allan GBR Moscow Athletics Athletics Men 100m Μ Gold 16794 1984 Athletics LEWIS, Carl USA 100m Gold Los Angeles **Athletics** Men M 18284 1988 Athletics LEWIS, Carl USA Seoul Athletics Men 100m Μ Gold CHRISTIE, Linford GBR 19859 1992 100m M Gold Barcelona Athletics Athletics Men 21598 1996 BAILEY, Donovan CAN Gold Atlanta Athletics Athletics Men 100m Μ 23521 Sydney 2000 Athletics Athletics GREENE, Maurice USA Men 100m M Gold 25539 Athens 2004 Athletics Athletics GATLIN, Justin USA Men 100m Μ Gold 27552 BOLT, Usain JAM Μ Beijing 2008 100m Gold Athletics **Athletics** Men In [9] olympic=olympic.sort_values(by=['Edition'], ascending=False) Athlete NOC Gender Event Event_gender Medal Out[9]: City Edition Sport Discipline 27552 Beijing 2008 Athletics Athletics BOLT, Usain JAM Men 100m Gold 25539 2004 GATLIN, Justin USA **Athens** Athletics Athletics 100m M Gold Men 23521 Sydney 2000 Athletics Athletics GREENE, Maurice USA Men 100m Μ Gold 21598 Atlanta 1996 Athletics BAILEY, Donovan CAN Athletics Men 100m Μ Gold 19859 Barcelona 1992 Athletics Athletics CHRISTIE, Linford GBR Men 100m M Gold 18284 1988 Athletics Athletics LEWIS, Carl USA Seoul 100m M Gold Men 16794 Los Angeles 1984 Athletics Athletics LEWIS, Carl USA Men 100m Μ Gold 15374 1980 WELLS, Allan GBR Gold Athletics Athletics 100m M Moscow Men CRAWFORD, Hasely 14069 Montreal 1976 Athletics Athletics TRI Men 100m M Gold BORZOV, Valery URS 12902 Munich 1972 Athletics Athletics 100m M Gold Men Athletics HINES, James Ray 11865 Mexico 1968 Athletics USA Men 100m Μ Gold HAYES, Robert USA 10823 100m Tokyo 1964 Athletics Athletics Μ Gold Men HARY, Armin EUA 9924 Rome 1960 Athletics Athletics Men 100m M Gold Melbourne / Stockholm Athletics 9009 1956 Athletics MORROW, Robert Joseph USA Gold Men 100m M 8121 Helsinki 1952 Athletics Athletics REMIGINO, Lindy USA Men 100m Μ Gold 7302 DILLARD, Harrison USA London 1948 Athletics Athletics 100m M Gold Men Athletics 6427 Berlin 1936 Athletics OWENS, Jesse USA Men 100m M Gold 1932 Athletics TOLAN, Eddie USA 5806 Los Angeles Athletics 100m Gold Men M Amsterdam WILLIAMS, Percy 5095 1928 Athletics Athletics CAN Men 100m M Gold 4236 ABRAHAMS, Harold GBR Men 100m Paris 1924 Athletics Athletics M Gold 2996 Antwerp 1920 Athletics Athletics PADDOCK, Charles USA Men 100m Gold 2022 Stockholm 1912 Athletics Athletics CRAIG, Ralph USA 100m Gold Men WALKER, Reginald RSA 1191 London 1908 Athletics Athletics Men 100m Gold 737 St Louis 1904 Athletics Athletics HAHN, Archie USA Men 100m M Gold 231 Paris 1900 Athletics Athletics JARVIS, Francis USA Men 100m Gold 1896 Athletics BURKE, Thomas USA Men 100m 13 Athens Athletics Gold Sliced data for specified columns In [] olympic[['City', 'Edition', 'Athlete', 'NOC']] In [10] Athlete NOC Out[10]: City Edition BOLT, Usain JAM 27552 Beijing 2008 25539 **Athens** 2004 GATLIN, Justin USA 23521 2000 GREENE, Maurice USA Sydney BAILEY, Donovan CAN 21598 Atlanta 1996 CHRISTIE, Linford GBR 19859 1992 Barcelona 18284 Seoul 1988 LEWIS, Carl USA 16794 1984 LEWIS, Carl USA Los Angeles 15374 Moscow 1980 WELLS, Allan GBR 14069 1976 CRAWFORD, Hasely TRI Montreal 12902 Munich 1972 BORZOV, Valery URS Mexico 11865 1968 HINES, James Ray USA 10823 Tokyo 1964 HAYES, Robert USA 9924 1960 HARY, Armin EUA Rome 9009 Melbourne / Stockholm 1956 MORROW, Robert Joseph USA 8121 1952 REMIGINO, Lindy USA Helsinki 7302 London 1948 DILLARD, Harrison 6427 1936 OWENS, Jesse USA Berlin Los Angeles 5806 1932 TOLAN, Eddie USA 5095 1928 WILLIAMS, Percy CAN Amsterdam 4236 1924 ABRAHAMS, Harold GBR Paris 2996 Antwerp 1920 PADDOCK, Charles USA 2022 Stockholm 1912 CRAIG, Ralph USA 1191 1908 WALKER, Reginald RSA London 737 1904 HAHN, Archie USA St Louis 1900 JARVIS, Francis USA 231 Paris 13 Athens 1896 BURKE, Thomas USA

Olympic data problem

import pandas as pd

0 Athens

1 Athens

2 Athens

3 Athens

4 Athens

City Edition

1896

1896

1896

1896

1896

In [1]:

Out[1]:

Q.1 In which events did JESSE OWENS won a medal

Sport

Aquatics

Aquatics

Aquatics

Aquatics

Aquatics

Discipline

Swimming

Swimming

Swimming

Swimming Swimming

olympic_data=pd.read_csv("https://raw.githubusercontent.com/svkarthik86/Advance-Python-Numpy/main/olympics.csv", skiprows=4)

Men

Men

Event Event gender

100m freestyle

100m freestyle

Men 100m freestyle for sailors

Men 100m freestyle for sailors

Men 100m freestyle for sailors

Medal

Gold

Silver

Bronze

Gold

Silver

M

Athlete NOC Gender

HUN

HAJOS, Alfred

HERSCHMANN, Otto AUT

DRIVAS, Dimitrios GRE

MALOKINIS, Ioannis GRE

CHASAPIS, Spiridon GRE