import pandas as pd
olympic_data=pd.read_csv("https://raw.githubusercontent.com/svkarthik86/Advanced-python/main/olympics.csv", skiprows=4)
olympic_data

Athlete NOC Gender City Edition Discipline Event Event_gender Medal Sport 100m freestyle **0** Athens 1896 Aquatics Swimming HAJOS, Alfred HUN Men M Gold 1 Athens 1896 Aquatics Swimming HERSCHMANN, Otto AUT Men 100m freestyle Silver 2 Athens 1896 DRIVAS, Dimitrios GRE 100m freestyle for sailors Aquatics Swimming Men Bronze **3** Athens 1896 Aquatics Swimming MALOKINIS, Ioannis GRE 100m freestyle for sailors Gold Aquatics 4 Athens 1896 Swimming CHASAPIS, Spiridon GRE Men 100m freestyle for sailors M Silver 29211 Beijing 2008 Wrestling Wrestling Gre-R ENGLICH, Mirko GER Men 84 - 96kg Μ Silver MIZGAITIS, Mindaugas 29212 Beijing 2008 Wrestling Wrestling Gre-R LTU Men 96 - 120kg Bronze 29213 2008 PATRIKEEV, Yuri ARM Men 96 - 120kg Bronze Beijing Wrestling Wrestling Gre-R M 29214 Beijing 2008 Wrestling Wrestling Gre-R LOPEZ, Mijain CUB Men 96 - 120kg Gold

BAROEV, Khasan RUS

Men

96 - 120kg

Silver

29216 rows × 10 columns

Beijing

29215

Out[1]:

1.in which events did JESSE OWENS won a metal

In [3]: olympic_data[olympic_data.Athlete.str.contains('OWENS')].Event.values

2008 Wrestling Wrestling Gre-R

Out[3]: array(['100m', '200m', '4x100m relay', 'long jump'], dtype=object)

Countries which receives most medals sorted from recent years

olympic_data[(olympic_data.Edition>=1984)&(olympic_data.Edition<=1984)]["NOC"].value_counts().head(3)

Out[5]: USA 333 FRG 157 ROU 106

Out[6]:

25539

27552

Out[7]:

Name: NOC, dtype: int64

List of gold medal winners-male in 100m track event

In [6]: olympic=olympic_data[(olympic_data.Medal=='Gold')&(olympic_data.Gender=='Men')&(olympic_data.Event=='100m')&(olympic_data.Discipline=='Athletics')] olympic

Athlete NOC Gender Event Event_gender City Edition Sport Discipline Medal 13 1896 Athletics BURKE, Thomas USA Gold Athens Athletics Men 100m M 231 Paris 1900 Athletics Athletics JARVIS, Francis USA Men 100m Gold 737 St Louis 1904 Athletics Athletics HAHN, Archie USA Men 100m M Gold 1191 London 1908 Athletics Athletics WALKER, Reginald RSA Men 100m Gold 2022 1912 Athletics Stockholm Athletics CRAIG, Ralph USA 100m M Gold Men PADDOCK, Charles USA 2996 Antwerp 1920 Athletics Athletics 100m Gold Men ABRAHAMS, Harold 4236 Paris 1924 Athletics **Athletics** GBR Men 100m Gold 5095 1928 Athletics Athletics WILLIAMS, Percy 100m Gold Amsterdam Men 5806 Athletics TOLAN, Eddie USA Los Angeles 1932 Athletics Men 100m Gold 6427 1936 Athletics OWENS, Jesse USA DILLARD Harrison USA Athletics 8121 Helsinki 1952 Athletics REMIGINO, Lindy USA Men 100m Gold 9009 Melbourne / Stockholm 1956 Athletics Athletics MORROW, Robert Joseph USA Men 100m M Gold 9924 Rome 1960 Athletics Athletics HARY, Armin EUA Men 100m Gold HAYES, Robert USA 10823 Gold Tokyo 1964 Athletics Athletics 100m Μ Men 11865 Mexico 1968 Athletics Athletics HINES, James Ray USA 100m Gold BORZOV, Valery URS 12902 Munich 1972 Athletics Athletics 100m Gold Men M 14069 Montreal 1976 Athletics Athletics CRAWFORD, Hasely TRI Men 100m Gold 15374 1980 Athletics Athletics WELLS, Allan GBR Gold Moscow Men 100m Μ 16794 Los Angeles 1984 Athletics Athletics LEWIS, Carl USA Men 100m Gold 18284 1988 Athletics LEWIS, Carl USA 100m Gold Seoul Athletics Men Μ 19859 Barcelona 1992 Athletics Athletics CHRISTIE, Linford GBR Men 100m Gold 21598 Atlanta 1996 Athletics Athletics BAILEY, Donovan CAN 100m Μ Gold Men 23521 Sydney 2000 Athletics Athletics GREENE, Maurice USA 100m Gold

GATLIN, Justin USA

BOLT, Usain JAM

Men

100m

Men 100m

M

Gold

Gold

olympic=olympic.sort_values(by=['Edition'], ascending=False)
olympic

2004

Athletics

2008 Athletics

Athletics

Athletics

Athens

Beijing

City Edition Athlete NOC Gender Event Event_gender Sport Discipline Medal 27552 Beijing 2008 Athletics Athletics BOLT, Usain JAM 100m Gold 25539 GATLIN, Justin USA Athens 2004 Athletics Athletics Men 100m M Gold 23521 Sydney 2000 Athletics Athletics GREENE, Maurice USA Men 100m Gold Athletics 21598 Atlanta 1996 Athletics BAILEY, Donovan CAN 100m M Gold Men 19859 Barcelona 1992 Athletics Athletics CHRISTIE, Linford GBR Men 100m Gold 18284 1988 LEWIS, Carl USA Gold Athletics Athletics 100m Seoul Men 16794 Los Angeles 1984 Athletics Athletics LEWIS, Carl USA Men 100m Gold 15374 1980 WELLS, Allan GBR Moscow Athletics Athletics Men 100m Gold 14069 Montreal 1976 Athletics Athletics CRAWFORD, Hasely TRI 100m Gold 12902 BORZOV, Valery URS 100m Munich 1972 Athletics Athletics M Gold Men 11865 Mexico 1968 Athletics Athletics HINES, James Ray USA Men 100m Gold Tokyo Athletics 10823 1964 **Athletics** HAYES, Robert USA Gold 100m M Men 9924 Rome 1960 Athletics Athletics HARY, Armin EUA Men 100m Gold 1956 9009 Melbourne / Stockholm Athletics Athletics MORROW, Robert Joseph USA 100m M Gold Men Athletics REMIGINO, Lindy USA 8121 Helsinki 1952 Athletics Men 100m Gold 7302 1948 Athletics DILLARD, Harrison USA London Athletics 100m Gold Men OWENS, Jesse 6427 Berlin 1936 Athletics Athletics USA Men 100m Gold 5806 1932 Athletics TOLAN, Eddie USA 100m Los Angeles Athletics Men M Gold 5095 Amsterdam 1928 Athletics Athletics WILLIAMS, Percy CAN Men 100m Gold 4236 1924 Athletics Athletics ABRAHAMS, Harold GBR Paris 100m Μ Gold Men 2996 Antwerp 1920 Athletics Athletics PADDOCK, Charles USA 100m Gold CRAIG, Ralph USA 2022 Gold Stockholm 1912 Athletics Athletics 100m Men 1191 London 1908 Athletics Athletics WALKER, Reginald RSA Men 100m Gold 737 St Louis 1904 Athletics Athletics HAHN, Archie USA 100m Gold Men 231 Paris 1900 Athletics Athletics JARVIS, Francis USA Men 100m Gold 13 Athens 1896 Athletics BURKE, Thomas USA Men 100m Μ Athletics Gold

Sliced data for specified columns

In [8]: olympic[['City', 'Edition', 'Athlete', 'NOC']]

[-].	J J		,	, 11	
[8]:		City	Edition	Athlete	NOC
	27552	Beijing	2008	BOLT, Usain	JAM
	25539	Athens	2004	GATLIN, Justin	USA
	23521	Sydney	2000	GREENE, Maurice	USA
	21598	Atlanta	1996	BAILEY, Donovan	CAN
	19859	Barcelona	1992	CHRISTIE, Linford	GBR
	18284	Seoul	1988	LEWIS, Carl	USA
	16794	Los Angeles	1984	LEWIS, Carl	USA
	15374	Moscow	1980	WELLS, Allan	GBR
	14069	Montreal	1976	CRAWFORD, Hasely	TRI
	12902	Munich	1972	BORZOV, Valery	URS
	11865	Mexico	1968	HINES, James Ray	USA
	10823	Tokyo	1964	HAYES, Robert	USA
	9924	Rome	1960	HARY, Armin	EUA
	9009	Melbourne / Stockholm	1956	MORROW, Robert Joseph	USA
	8121	Helsinki	1952	REMIGINO, Lindy	USA
	7302	London	1948	DILLARD, Harrison	USA
	6427	Berlin	1936	OWENS, Jesse	USA
	5806	Los Angeles	1932	TOLAN, Eddie	USA
	5095	Amsterdam	1928	WILLIAMS, Percy	CAN
	4236	Paris	1924	ABRAHAMS, Harold	GBR
	2996	Antwerp	1920	PADDOCK, Charles	USA
	2022	Stockholm	1912	CRAIG, Ralph	USA
	1191	London	1908	WALKER, Reginald	RSA
	737	St Louis	1904	HAHN, Archie	USA
	231	Paris	1900	JARVIS, Francis	USA

BURKE, Thomas USA