import numpy as np
import pandas as pd

olympic = pd.read_csv("/content/drive/MyDrive/Unified internship 2025/Project/Summer-Olympic-medals-1976-to-2008.csv")
olympic

View recommended plots

	City	Year	Sport	Discipline	Event	Athlete	Gender	Country_Code	Country	Event_gender	Medal	E
0	Montreal	1976.0	Aquatics	Diving	3m springboard	KÖHLER, Christa	Women	GDR	East Germany	W	Silver	
1	Montreal	1976.0	Aquatics	Diving	3m springboard	KOSENKOV, Aleksandr	Men	URS	Soviet Union	М	Bronze	2
2	Montreal	1976.0	Aquatics	Diving	3m springboard	BOGGS, Philip George	Men	USA	United States	М	Gold	
3	Montreal	1976.0	Aquatics	Diving	3m springboard	CAGNOTTO, Giorgio Franco	Men	ITA	Italy	М	Silver	
4	Montreal	1976.0	Aquatics	Diving	10m platform	WILSON, Deborah Keplar	Women	USA	United States	W	Bronze	
15428	Beijing	2008.0	Wrestling	Wrestling Gre-R	66 - 74kg	GUENOT, Christophe	Men	FRA	France	М	Bronze	
15429	Beijing	2008.0	Wrestling	Wrestling Gre-R	66 - 74kg	KVIRKELIA, Manuchar	Men	GEO	Georgia	М	Gold	
												[

New interactive sheet

olympic.shape

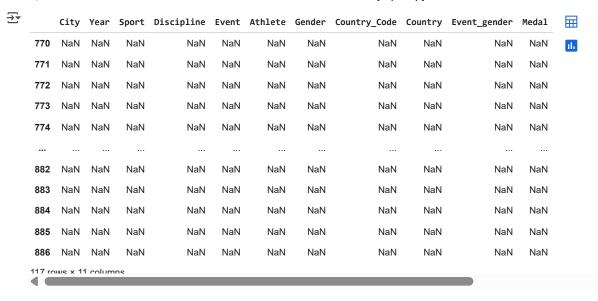
→ (15433, 11)

olympic.isnull().sum()

Generate code with olympic



olympic[olympic["City"].isnull()]



olympic= olympic.dropna()
olympic.isnull().sum()



olympic

	City	Year	Sport	Discipline	Event	Athlete	Gender	Country_Code	Country	Event_gender	Medal	
0	Montreal	1976.0	Aquatics	Diving	3m springboard	KÖHLER, Christa	Women	GDR	East Germany	W	Silver	
1	Montreal	1976.0	Aquatics	Diving	3m springboard	KOSENKOV, Aleksandr	Men	URS	Soviet Union	М	Bronze	
2	Montreal	1976.0	Aquatics	Diving	3m springboard	BOGGS, Philip George	Men	USA	United States	М	Gold	
3	Montreal	1976.0	Aquatics	Diving	3m springboard	CAGNOTTO, Giorgio Franco	Men	ITA	Italy	М	Silver	
4	Montreal	1976.0	Aquatics	Diving	10m platform	WILSON, Deborah Keplar	Women	USA	United States	W	Bronze	
15428	Beijing	2008.0	Wrestling	Wrestling Gre-R	66 - 74kg	GUENOT, Christophe	Men	FRA	France	М	Bronze	
15429	Beijing	2008.0	Wrestling	Wrestling Gre-R	66 - 74kg	KVIRKELIA, Manuchar	Men	GEO	Georgia	М	Gold	
4												U

```
olympic.duplicated().sum()
\rightarrow np.int64(1)
olympic[olympic.duplicated()]
₹
                City
                       Year
                               Sport Discipline
                                                    Event
                                                                Athlete Gender
                                                                                  Country_Code Country Event_gender Medal
      2320 Moscow
                      1980.0
                             Hockey
                                           Hockev hockev
                                                           SINGH. Sinah
                                                                            Men
                                                                                            IND
                                                                                                                           Gold
olympic = olympic.drop_duplicates()
olympic
₹
                 City
                         Year
                                  Sport
                                           Discipline
                                                              Event
                                                                              Athlete Gender Country_Code
                                                                                                                  Country Event_gender
                                                                                                                                           Medal
                                                                                                                                                     \blacksquare
                                                                3m
                                                                                                                     East
                                                                                                                                                     ıl.
        0
              Montreal 1976.0
                                                                      KÖHLER, Christa Women
                                                                                                         GDR
                                                                                                                                       W
                                                                                                                                            Silver
                                Aquatics
                                                Diving
                                                         springboard
                                                                                                                 Germany
                                                                                                                                                     1
                                                                          KOSENKOV,
                                                                3m
                                                                                                                    Soviet
              Montreal 1976.0
                                Aquatics
                                                Diving
                                                                                          Men
                                                                                                         URS
                                                                                                                                       Μ
                                                                                                                                          Bronze
                                                         springboard
                                                                                                                    Union
                                                                             Aleksandr
                                                                        BOGGS, Philip
                                                                                                                    United
                                                                3m
        2
              Montreal
                       1976.0
                                Aquatics
                                                Diving
                                                                                          Men
                                                                                                         USA
                                                                                                                                             Gold
                                                         springboard
                                                                               George
                                                                                                                    States
                                                                          CAGNOTTO,
                                                                3m
                                                Diving
              Montreal
                       1976.0
                                                                                          Men
                                                                                                          ITA
                                                                                                                      Italy
                                                                                                                                            Silver
        3
                                Aquatics
                                                                                                                                       M
                                                         springboard
                                                                         Giorgio Franco
                                                                     WILSON, Deborah
                                                                                                                    United
                                                                                                         USA
              Montreal 1976.0
                                Aquatics
                                                Diving
                                                       10m platform
                                                                                        Women
                                                                                                                                       W
                                                                                                                                          Bronze
        4
                                                                                Keplar
                                                                                                                    States
                                             Wrestling
                                                                             GUENOT,
                                                                                                         FRA
      15428
                Beijing
                       2008.0 Wrestling
                                                           66 - 74kg
                                                                                          Men
                                                                                                                   France
                                                                                                                                       M
                                                                                                                                          Bronze
                                                Gre-R
                                                                            Christophe
                                                                           KVIRKELIA,
                                             Wrestling
      15429
                Beijing
                       2008.0 Wrestling
                                                           66 - 74kg
                                                                                          Men
                                                                                                         GEO
                                                                                                                   Georgia
                                                                                                                                       М
                                                                                                                                             Gold
                                                                             Manuchar
                                                Gre-R
 Next steps:
              Generate code with olympic
                                           View recommended plots
                                                                          New interactive sheet
olympic.nunique()
<del>_</del>_
                          0
           City
                          9
           Year
                          9
          Sport
                         28
        Discipline
                         41
          Event
                        293
          Athlete
                      11337
          Gender
                          2
      Country_Code
                        128
         Country
                        127
      Event_gender
                          3
          Medal
                          3
olympic.info()
     <class 'pandas.core.frame.DataFrame'>
     Index: 15315 entries, 0 to 15432
     Data columns (total 11 columns):
      #
          Column
                          Non-Null Count
                                           Dtype
      ---
      0
          City
                          15315 non-null
                                           object
      1
           Year
                          15315 non-null
                                           float64
                          15315 non-null
      2
           Sport
                                           object
      3
          Discipline
                          15315 non-null
                                           object
           Event
                          15315 non-null
                                           object
          Athlete
                          15315 non-null
                                           object
```

```
6
    Gender
                  15315 non-null
                                 object
    Country_Code 15315 non-null
                                  object
    Country
                  15315 non-null
                                  object
    Event_gender 15315 non-null
                                  object
10 Medal
                  15315 non-null
                                 object
dtypes: float64(1), object(10)
memory usage: 1.4+ MB
```

olympic.dtypes

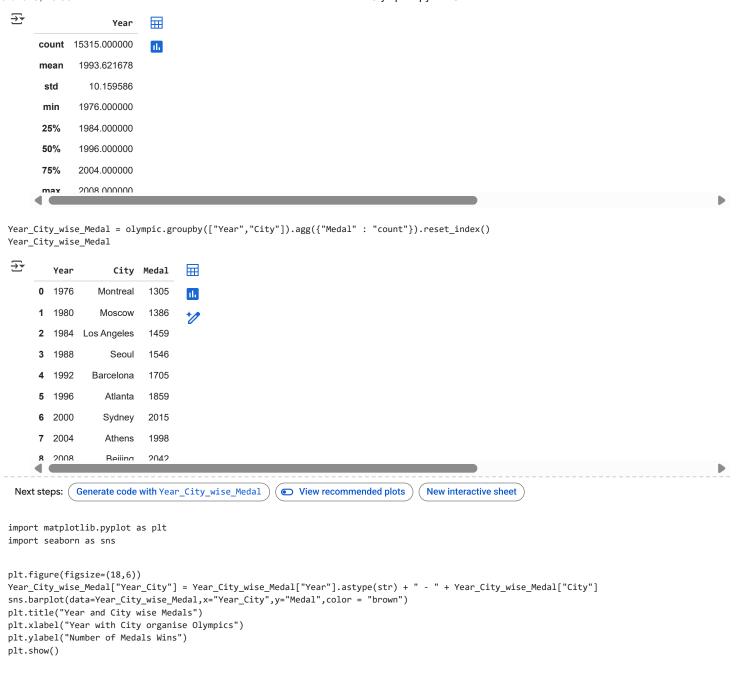


```
olympic = olympic.copy()
olympic["Year"] = olympic["Year"].astype(int)
```

olympic.dtypes



olympic.describe()





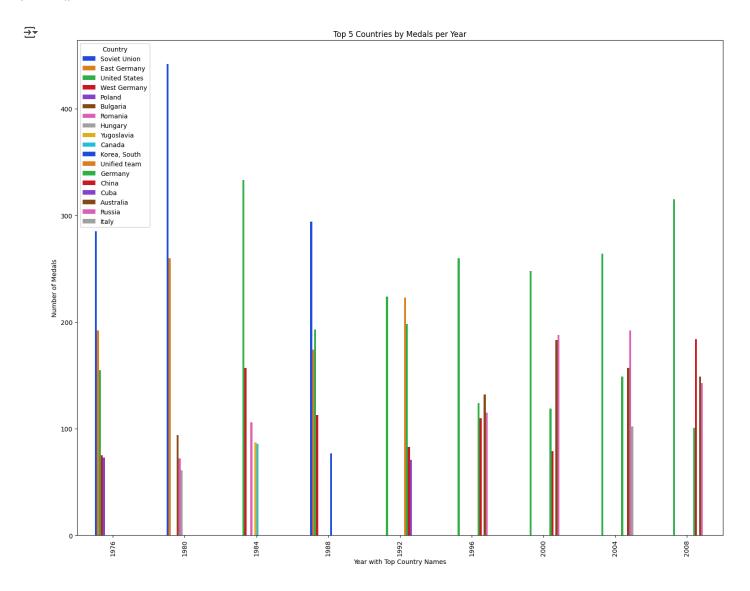
Top_country_year_wise_Medal = olympic.groupby(["Year" , "Country"]).agg({"Medal" : "count"}).reset_index().sort_values(by=["Year","Medal"], a
Top_5_country_year_wise_Medal = Top_country_year_wise_Medal.groupby("Year").head(5).reset_index(drop=True)
Top_5_country_year_wise_Medal



	ıcuı	country	псиит	
0	1976	Soviet Union	285	11.
1	1976	East Germany	192	+/2
2	1976	United States	155	0
3	1976	West Germany	75	
4	1976	Poland	73	
5	1980	Soviet Union	442	
6	1980	East Germany	260	
7	1980	Bulgaria	94	
8	1980	Romania	72	
9	1980	Hungary	61	
10	1984	United States	333	
11	1984	West Germany	157	
12	1984	Romania	106	
13	1984	Yugoslavia	87	
14	1984	Canada	86	
15	1988	Soviet Union	294	
16	1988	United States	193	
17	1988	East Germany	174	
18	1988	West Germany	113	
19	1988	Korea, South	77	
20	1992	United States	224	
21	1992	Unified team	223	
22	1992	Germany	198	
23	1992	China	83	
24	1992	Cuba	71	
25	1996	United States	260	
26	1996	Australia	132	
27	1996	Germany	124	
28	1996	Russia	115	
29	1996	China	110	
30	2000	United States	248	
31	2000	Russia	188	
32	2000	Australia	183	
33	2000	Germany	119	
34	2000	China	79	
35	2004	United States	264	
36	2004	Russia	192	
37	2004	Australia	157	
38	2004	Germany	149	
39	2004	Italy	102	
40	2008	United States	315	
41	2008	China	184	
42	2008	Australia	149	
43	2008	Russia	143	
44	2008	Germany	101	

```
Next steps: Generate code with Top_5_country_year_wise_Medal View recommended plots New interactive sheet

plt.figure(figsize=(15, 12))
sns.barplot(data=Top_5_country_year_wise_Medal, x="Year", y="Medal",hue= "Country", palette="bright", width=0.5)
plt.title("Top 5 Countries by Medals per Year")
plt.xlabel("Year with Top Country Names")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.tight_layout()
plt.show()
```

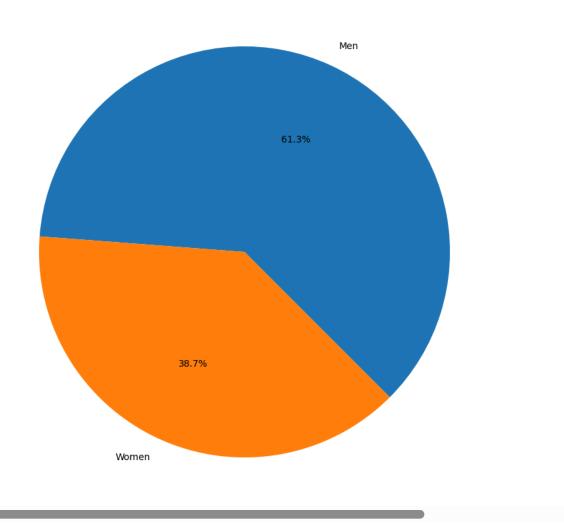


Gender_wise_Medal = olympic.groupby(["Gender"]).agg({"Medal" : "count"}).reset_index()
Gender_wise_Medal

plt.figure(figsize=(12, 10))
plt.pie(Gender_wise_Medal["Medal"], labels= Gender_wise_Medal["Gender"],autopct='%1.1f%%', startangle=-45, labeldistance=1.1)
plt.title("Gender wise Medal Wins", fontsize=14)
plt.show()

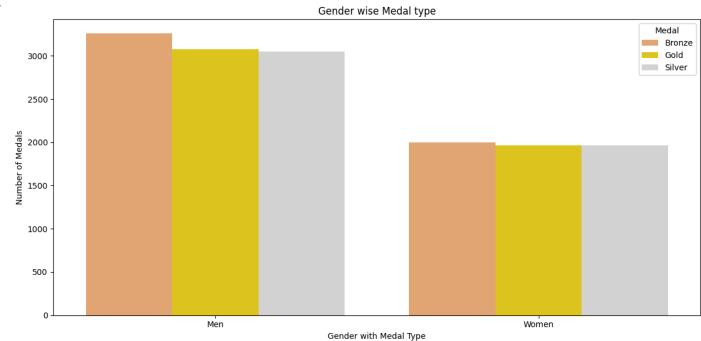
__

Gender wise Medal Wins



Gender_wise_Medal_Type = olympic.groupby(["Gender","Medal"]).agg({"Medal" : "count"}).rename(columns = {"Medal" : "No of Medal"}).reset_ind Gender_wise_Medal_Type

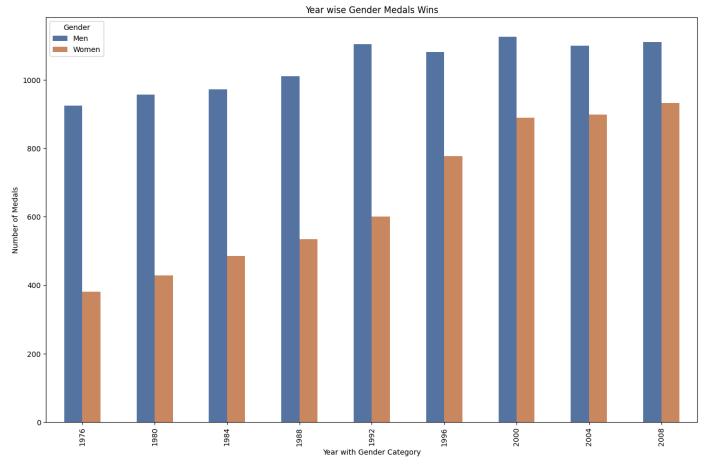




Year_Gender_wise_Medal = olympic.groupby(["Year","Gender"]).agg({"Medal" : "count"}).reset_index()
Year_Gender_wise_Medal

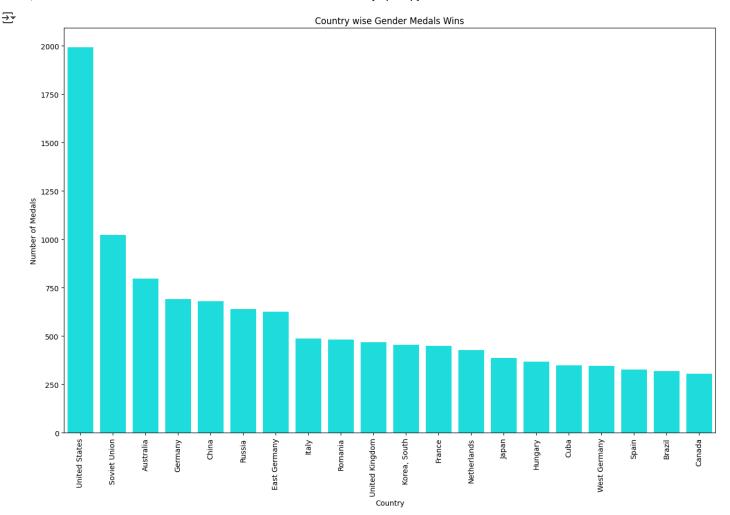
```
₹
         Year
               Gender Medal
                               丽
      0 1976
                 Men
                        924
         1976 Women
                        381
         1980
                 Men
                        957
         1980 Women
                        429
         1984
                 Men
      5
         1984 Women
                        486
         1988
                 Men
                        1011
      7
         1988 Women
                        535
         1992
                        1105
      8
                 Men
      9
         1992 Women
                        600
     10 1996
                 Men
                        1082
     11 1996 Women
                        777
     12 2000
                        1126
                 Men
     13 2000 Women
                        889
     14 2004
                        1099
                 Men
     15 2004 Women
                        899
     16 2008
                 Men
                        1110
     17 2008 Women
                        932
                                                                                 New interactive sheet
 Next steps: Generate code with Year_Gender_wise_Medal
                                                     View recommended plots
plt.figure(figsize=(16, 10))
sns.barplot(data=Year_Gender_wise_Medal, x="Year", y="Medal",hue= "Gender", palette="deep", width=0.5)
plt.title("Year wise Gender Medals Wins")
plt.xlabel("Year with Gender Category")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```





Country_wise_Medal = olympic.groupby("Country").agg({"Medal" : "count"}).reset_index().sort_values(by="Medal", ascending = False)
Country_wise_Medals = Country_wise_Medal.head(20)
Country_wise_Medals

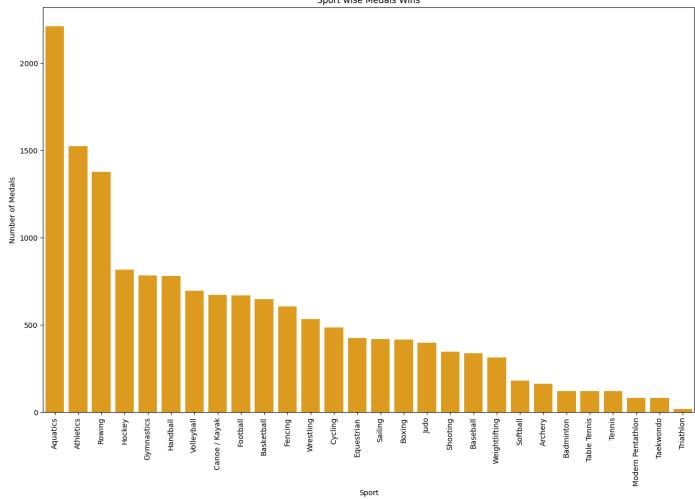
```
<del>_</del>_
                                    \blacksquare
                  Country Medal
      117
             United States
                            1992
       95
              Soviet Union
                            1021
       4
                  Australia
                             798
       38
                 Germany
                             691
       18
                    China
                             679
       87
                   Russia
                             638
       29
             East Germany
                             626
       51
                      Italy
                             486
       86
                             482
                  Romania
           United Kingdom
      116
                             467
              Korea, South
                             454
       57
       36
                   France
                             449
       72
               Netherlands
                             428
       53
                             388
                    Japan
       43
                             368
                  Hungary
       23
                    Cuba
                             349
      123
            West Germany
                             345
       96
                    Spain
                             328
       12
                    Brazil
                             318
                  Canada
                              304
       16
 Next steps: Generate code with Country_wise_Medals
                                                        View recommended plots
                                                                                      New interactive sheet
plt.figure(figsize=(16, 10))
sns.barplot(data=Country_wise_Medals, x="Country", y="Medal", color = "cyan")
plt.title("Country wise Gender Medals Wins")
plt.xlabel("Country")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```



Sport_Medal = olympic.groupby(["Sport"]).agg({"Medal" : "count"}).sort_values(by = ["Medal"], ascending = [False]).reset_index()
Sport_Medal

```
<del>_</del>_
                      Sport Medal
                                       \blacksquare
                    Aquatics
       0
                              2210
       1
                    Athletics
                              1523
       2
                     Rowing
                               1377
       3
                     Hockey
                               816
       4
                 Gymnastics
                                783
       5
                    Handball
                                780
       6
                   Volleyball
                                695
       7
               Canoe / Kayak
                                672
       8
                    Football
                                669
       9
                  Basketball
                                646
      10
                    Fencing
                                606
      11
                   Wrestling
                                533
                     Cycling
                                483
      12
      13
                  Equestrian
                                423
                     Sailing
                                417
      14
      15
                     Boxing
                               416
      16
                       Judo
                                396
      17
                    Shooting
                                345
      18
                    Baseball
                                335
                 Weightlifting
      19
                                311
      20
                     Softball
                                180
      21
                    Archery
                                162
      22
                  Badminton
                                120
                Table Tennis
      23
                                120
      24
                      Tennis
                                118
      25
          Modern Pentathlon
                                 81
      26
                 Taekwondo
                                 80
                    Triathlon
                                 18
 Next steps: ( Generate code with Sport_Medal
                                                View recommended plots
                                                                               New interactive sheet
plt.figure(figsize=(16, 10))
sns.barplot(data = Sport_Medal, x="Sport", y="Medal", color = "orange")
plt.title("Sport wise Medals Wins")
plt.xlabel("Sport")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```





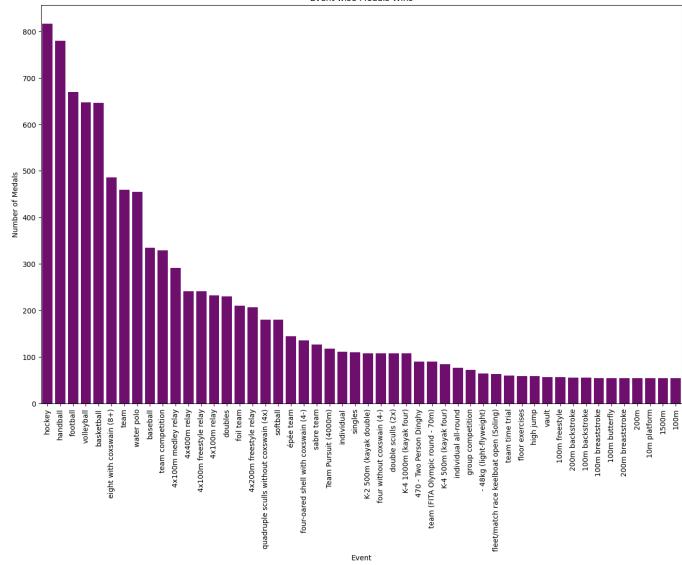
Event_Medal = olympic.groupby(["Event"]).agg({"Medal" : "count"}).sort_values(by = ["Medal"], ascending = [False]).reset_index()
Event_Medals = Event_Medal.head(50)
Event_Medals

	Event	neua.
0	hockey	816
1	handball	780
2	football	669
3	volleyball	647
4	basketball	646
5	eight with coxswain (8+)	486
6	team	459
7	water polo	45
8	baseball	338
9	team competition	329
10	4x100m medley relay	29
11	4x400m relay	24
12	4x100m freestyle relay	24
13	4x100m relay	232
14	doubles	230
15	foil team	210
16	4x200m freestyle relay	20
17	quadruple sculls without coxswain (4x)	180
18	softball	180
19	épée team	144
20	four-oared shell with coxswain (4-)	13
21	sabre team	126
22	Team Pursuit (4000m)	118
23	individual	11
24	singles	110
25	K-2 500m (kayak double)	108
26	four without coxswain (4-)	108
27	double sculls (2x)	108
28	K-4 1000m (kayak four)	108
29	470 - Two Person Dinghy	90
30	team (FITA Olympic round - 70m)	90
31	K-4 500m (kayak four)	84
32	individual all-round	76
33	group competition	72
34	- 48kg (light-flyweight)	64
35	fleet/match race keelboat open (Soling)	63
36	team time trial	60
37	floor exercises	59
38	high jump	58
39	vault	56
40	100m freestyle	56
41	200m backstroke	5
42	100m backstroke	5
43	100m breaststroke	54
44	100m butterfly	54
45	200m breaststroke	54

```
46
                                     200m
                                               54
      47
                               10m platform
                                               54
                                     1500m
      48
                                               54
                                     100m
      49
                                               54
 Next steps: Generate code with Event_Medals
                                              View recommended plots
                                                                           New interactive sheet
plt.figure(figsize=(16, 10))
sns.barplot(data = Event_Medals, x="Event", y="Medal", color = "purple")
plt.title("Event wise Medals Wins")
plt.xlabel("Event")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```





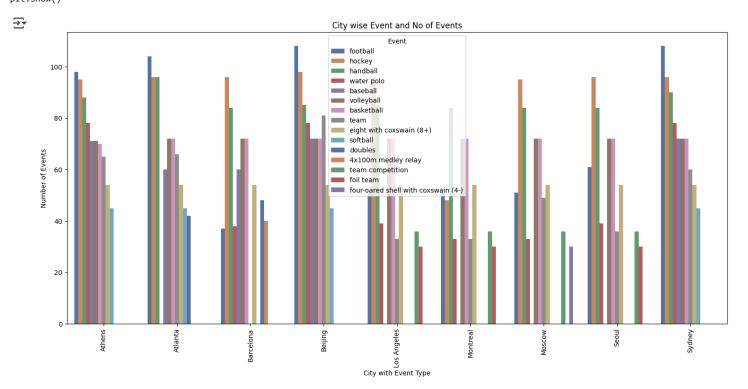


```
City_Event = olympic.groupby(["City","Event"]).agg(No_of_Events = ("Event" , "count")).rename(columns={"Event" : "No of Events"}).sort_value
City_Event = City_Event.groupby(["City"]).head(10).reset_index()
City_Event
```

_		City	Event	No_of_Events	
	0	Athens	football	98	11.
	1	Athens	hockey	95	+/
	2	Athens	handball	88	
	3	Athens	water polo	78	
	4	Athens	baseball	71	
	85	Sydney	basketball	72	
	86	Sydney	volleyball	72	
	87	Sydney	team	60	
	88	Sydney	eight with coxswain (8+)	54	
	89	Sydney	softball	45	
	90 r	UW6 x 3 CC	dume		

Next steps: Generate code with City_Event View recommended plots New interactive sheet

```
plt.figure(figsize=(18,8))
sns.barplot(data = City_Event, x="City", y="No_of_Events", hue = "Event", palette= "deep")
plt.title("City wise Event and No of Events")
plt.xlabel("City with Event Type")
plt.ylabel("Number of Events")
plt.xticks(rotation=90)
plt.show()
```



```
Country_Event_wise_Medal = olympic.groupby(["Country","Event"]).agg({"Medal" : "count"}).sort_values(by = ["Medal"], ascending = (False) )
Country_Event_wise_Medal = Country_Event_wise_Medal.groupby("Country").head(3)
Country_Event_wise_Medals = Country_Event_wise_Medal.reset_index()
Country_Event_wise_Medals
```

```
₹
                                                                 \blacksquare
                 Country
                                              Event Medal
       0
           United States
                                          basketball
                                                         192
                                                                 ıl.
       1
             Netherlands
                                             hockey
                                                         159
       2
                 Australia
                                             hockey
                                                         145
       3
                    Cuba
                                            baseball
                                                         111
       4
                    Brazil
                                             football
                                                         109
      305
               Venezuela
                                               62kg
                                                           1
      306
               Venezuela 54 - 57kg (featherweight)
      307
                 Armenia
                                          96 - 120kg
      308
                 Armenia
                                48 - 52kg (flyweight)
      309
                  Zambia
                              - 48kg (light-flyweight)
     310 rows x 3 columns
```

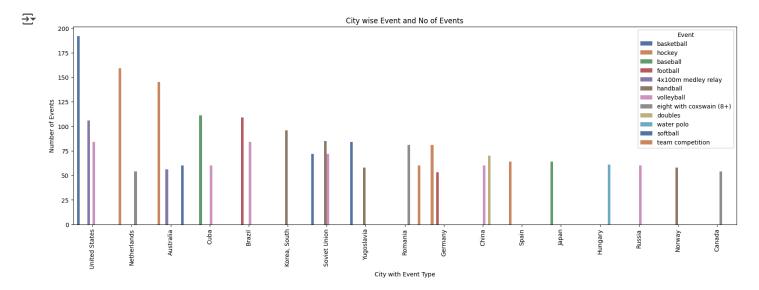
Next steps: Generate code with Country_Event_wise_Medals

Output

Description: View recommended plots

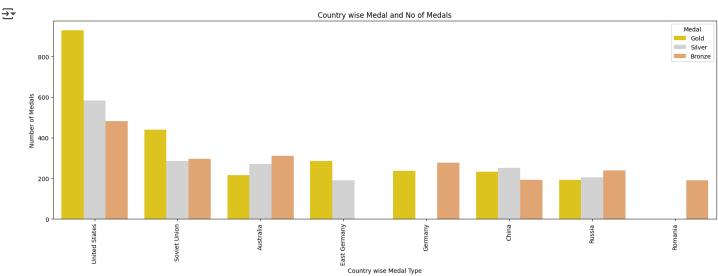
New interactive sheet

```
plt.figure(figsize=(20,6))
sns.barplot(data = Country_Event_wise_Medals.head(30), x="Country", y="Medal", hue = "Event", palette= "deep")
plt.title("City wise Event and No of Events")
plt.xlabel("City with Event Type")
plt.ylabel("Number of Events")
plt.xticks(rotation=90)
plt.show()
```



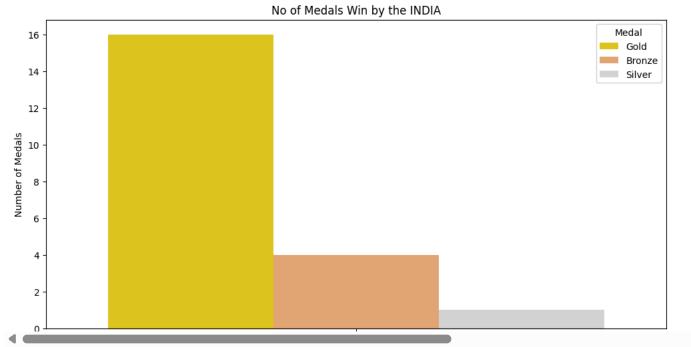
```
Country_wise_Medal_type = olympic.groupby(["Country","Medal"]).agg({"Medal" : "count"}).rename(columns={"Medal": "No of Medals"}).sort_value
Country_wise_Medal_type = Country_wise_Medal_type.reset_index()
Country_wise_Medal_type
```

```
<del>_</del>__
               Country
                         Medal No of Medals
                                                 丽
       0
           United States
                           Gold
                                          928
           United States
                          Silver
                                          583
       2
           United States Bronze
                                          481
       3
            Soviet Union
                           Gold
                                          439
               Australia Bronze
                                          312
      296
                Tunisia
                        Bronze
      297
                Zambia Bronze
      298
                Zambia
                          Silver
      299
              Zimbabwe Bronze
      300
            Afghanistan Bronze
     301 rowe x 3 columns
 Next steps: Generate code with Country_wise_Medal_type
                                                                                         New interactive sheet
                                                           View recommended plots
plt.figure(figsize=(20,6))
medal_color = {"Gold" : "#ffdf00","Silver" : "#d3d3d3", "Bronze": "#f4a460"}
sns.barplot(data =Country_wise_Medal_type.head(20), x="Country", y="No of Medals", hue = "Medal", palette= medal_color)
plt.title("Country wise Medal and No of Medals")
plt.xlabel("Country wise Medal Type")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```

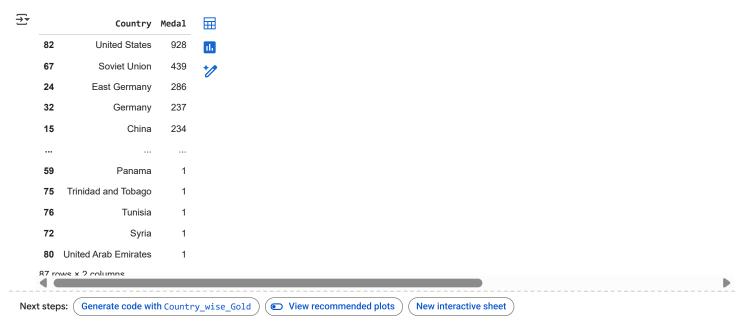


```
India_Medal = Country_wise_Medal_type[Country_wise_Medal_type["Country"]=="India"]
India_Medal
```

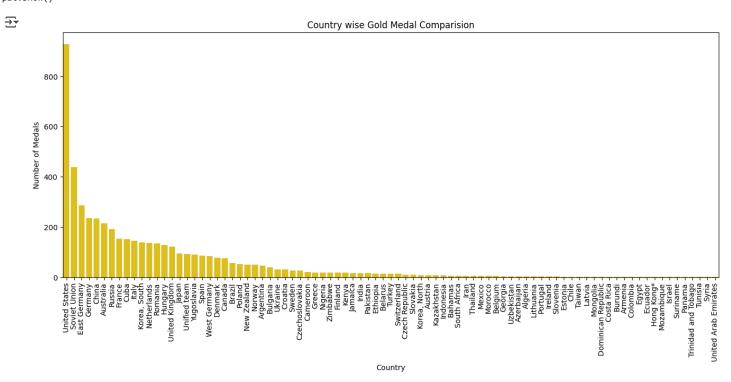




Gold_filter= olympic[olympic["Medal"] == "Gold"]
Country_wise_Gold = Gold_filter.groupby(["Country"]).agg({"Medal" : "count"}).reset_index().sort_values(by = "Medal", ascending = False)
Country_wise_Gold



```
plt.figure(figsize=(16,6))
sns.barplot(data = Country_wise_Gold,x = "Country", y="Medal", color = "Gold")
plt.title("Country wise Gold Medal Comparision")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```

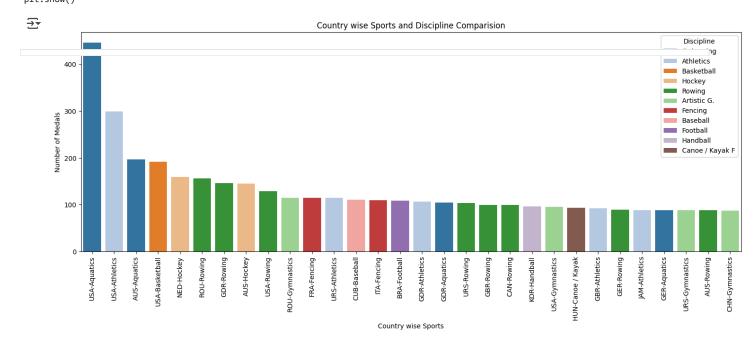


Country_Sport_Discipline_Medal = olympic.groupby(["Country_Code","Sport","Discipline"]).agg({"Medal" : "count"}).reset_index().sort_values(t Country_Sport_Discipline_Medals = Country_Sport_Discipline_Medal.reset_index(drop=True)
Country_Sport_Discipline_Medals

Cou	ntry_Code	Sport	Discipline	Medal
0	USA	Aquatics	Swimming	446
1	USA	Athletics	Athletics	299
2	AUS	Aquatics	Swimming	197
3	USA	Basketball	Basketball	192
4	NED	Hockey	Hockey	159
968	AUT	Equestrian	Dressage	1
969	AUT	Canoe / Kayak	Canoe / Kayak S	1
970	ARG	Aquatics	Swimming	1
971	AFG	Taekwondo	Taekwondo	1
		Judo	Judo	1

Country_Sport_Discipline_Medals["Country_Sport"] = Country_Sport_Discipline_Medals["Country_Code"] + "-" +Country_Sport_Discipline_Medals["S plt.figure(figsize=(18,6)) sns.barplot(data = Country_Sport_Discipline_Medals.head(30),x ="Country_Sport", y="Medal", hue = "Discipline", palette = "tab20")

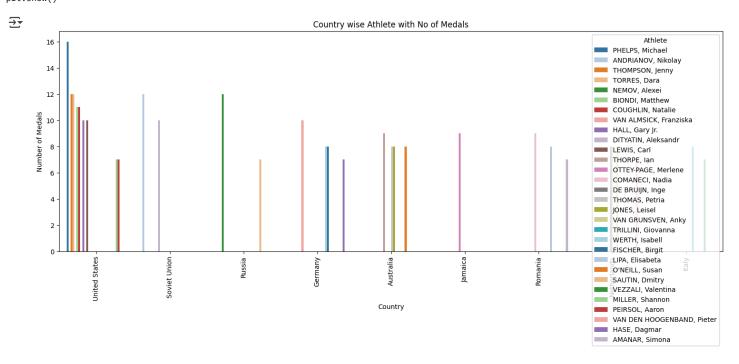
```
plt.title("Country wise Sports and Discipline Comparision")
plt.xlabel("Country wise Sports")
plt.ylabel("Number of Medals")
plt.xticks(rotation=90)
plt.show()
```



Top_Athlete_Medal = olympic.groupby(["Country","Athlete"]).agg({"Medal" : "count"}).sort_values(by = "Medal", ascending=False).reset_index()
Top_Athlete_Medal

•	Country	Athlete	Medal
0	United States	PHELPS, Michael	16
1	Soviet Union	ANDRIANOV, Nikolay	12
2	United States	THOMPSON, Jenny	12
3	United States	TORRES, Dara	12
4	Russia	NEMOV, Alexei	12
11535	Hungary	VARGA, Zsolt	1
11536	Hungary	VASKUTI, Istvan	1
11537	Hungary	VEREB, Krisztian	1
11538	Hungary	VERMES, Alban	1
11539	Hungary	VAJDA, Attila Sandor	1
11540 rd			

plt.xticks(rotation=90)
plt.show()



```
Gold_filter = olympic[olympic["Medal"]=="Gold"]
Gold_Medalist_Athlete_Name = Gold_filter.groupby(["Country","Athlete"]).agg({"Medal" : "count"}).rename(columns={"Medal": "No of Medals"}).s
Gold_Medalist_Athlete_Name
₹
                                                               \blacksquare
                                      Athlete No of Medals
                Country
                              PHELPS, Michael
        0
            United States
                                                          14
                                                               ıl.
            United States
                                  LEWIS, Carl
        1
                                                          9
        2
            United States
                            THOMPSON, Jenny
                                                          8
        3
            United States
                              BIONDI, Matthew
                                                          8
            United States
        4
                             VAN DYKEN, Amy
                                                          6
      4056
                Hungary
                           VAJDA, Attila Sandor
      4057
                          VARGA, Daniel Rudolf
                Hungary
      4058
                Hungary
                          VARGA, Denes Andor
      4059
                                VARGA, Karoly
                Hungary
      4060
                Hungary
                                   PULAI, Imre
     4061 rows x 3 columns
              Generate code with Gold_Medalist_Athlete_Name
                                                              View recommended plots
                                                                                            New interactive sheet
plt.figure(figsize=(18,6))
sns.barplot(data = Gold\_Medalist\_Athlete\_Name.head(20), x ="Country", y="No of Medals", hue = "Athlete", palette = "tab20"
plt.title("Country wise Gold Medalist Athlete")
plt.xlabel("Country")
plt.ylabel("Number of Medals")
```