

Olympics Data Analysis



OLYMPICS DATA ANALYSIS DASHBOARD

Gold

5041

Silver

5016

Bronze

5258

Total Medal

15315

No of Sports

28

No of Athletes

11337

Country

All

Year

All

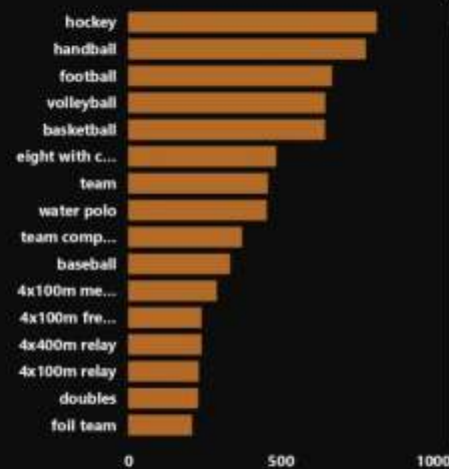
Gender wise Medal



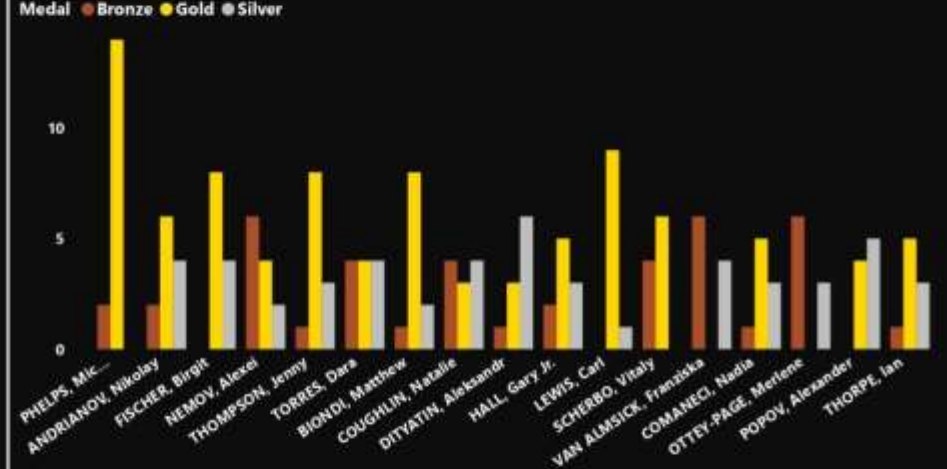
Medal Type Percentage



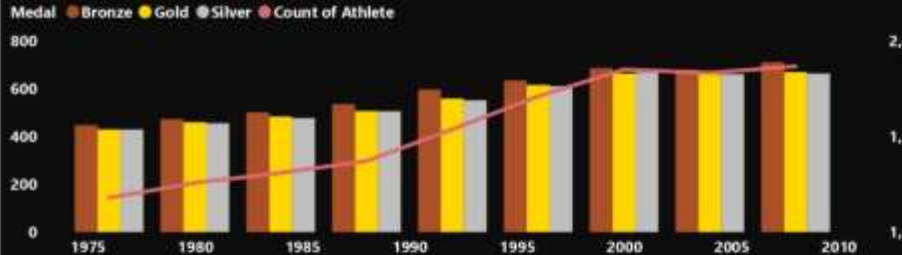
Event wise Medal Count



Top Athlete wise Medal Type and Counts



Year wise Medal



City wise Medal



Country wise Medal Type and Counts

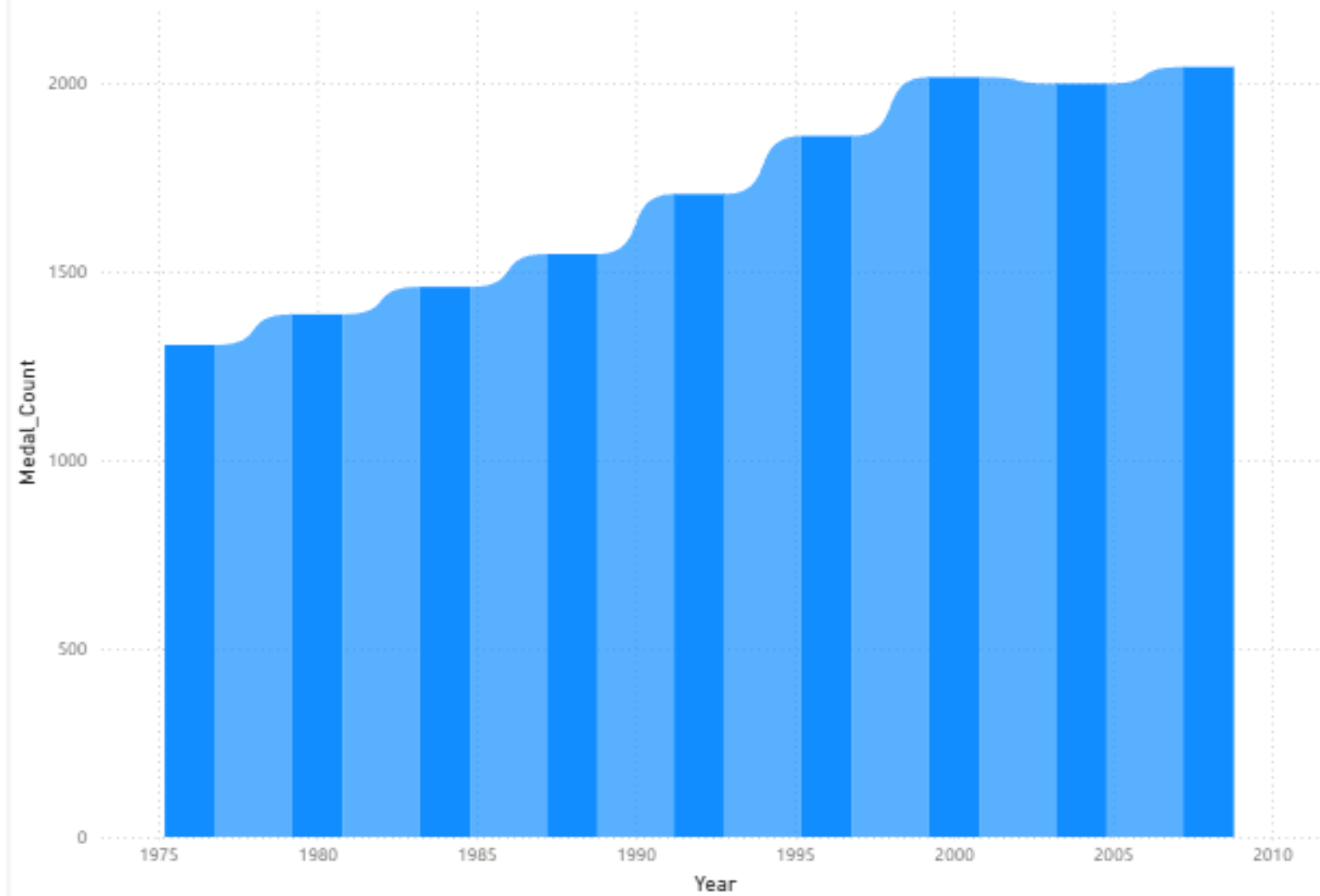
Country	Bronze	Gold	Silver	Total
United States	481	928	583	1992
Soviet Union	297	439	285	1021
Australia	312	216	270	798
Germany	278	237	176	691
China	193	234	252	679
Russia	240	192	206	638
East Germany	150	286	190	626
Italy	178	145	163	486
Romania	190	135	157	482
United Kingdom	188	122	157	467
Korea, South	128	140	186	454
France	185	154	110	449
Netherlands	151	137	140	428
Total	5258	5041	5016	15315

Country wise Medal



Year	Count of Medal	City
1976	1305	Montreal
1980	1386	Moscow
1984	1459	Los Angeles
1988	1546	Seoul
1992	1705	Barcelona
1996	1859	Atlanta
2000	2015	Sydney
2004	1998	Athens
2008	2042	Beijing
Total	15315	

Medal_Count by Year

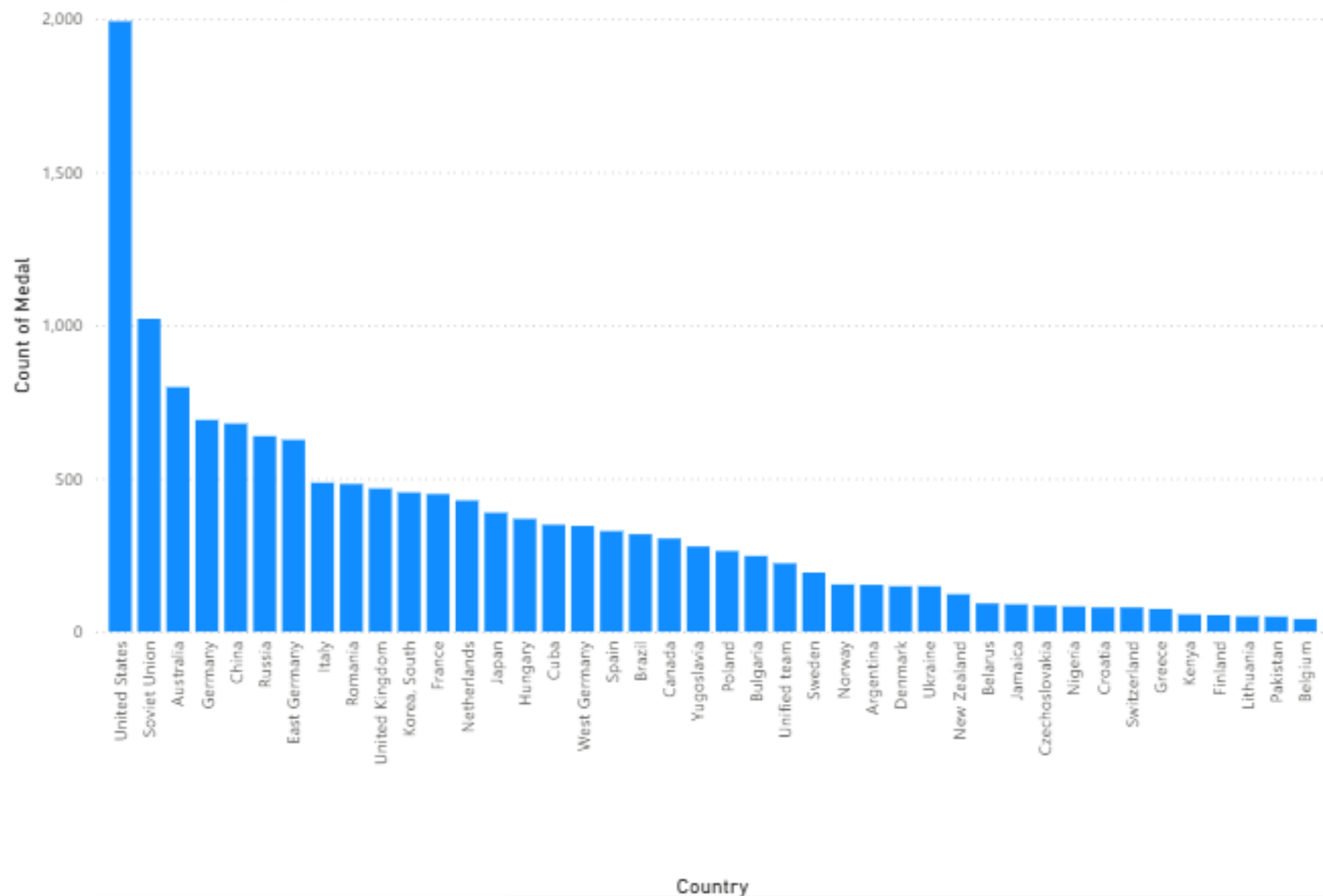


Medal_Count by Country



Country	Count of Medal
United States	1992
Soviet Union	1021
Australia	798
Germany	691
China	679
Russia	638
East Germany	626
Italy	486
Romania	482
United Kingdom	467
Korea, South	454
France	449
Netherlands	428
Japan	388
Hungary	368
Cuba	349
West Germany	345
Spain	328
Brazil	318
Canada	304
Yugoslavia	278
Poland	263
Bulgaria	247
Unified team	223
Sweden	193
Norway	154
Argentina	153
Denmark	148
Ukraine	148
New Zealand	122
Total	15315

Count of Medal by Country



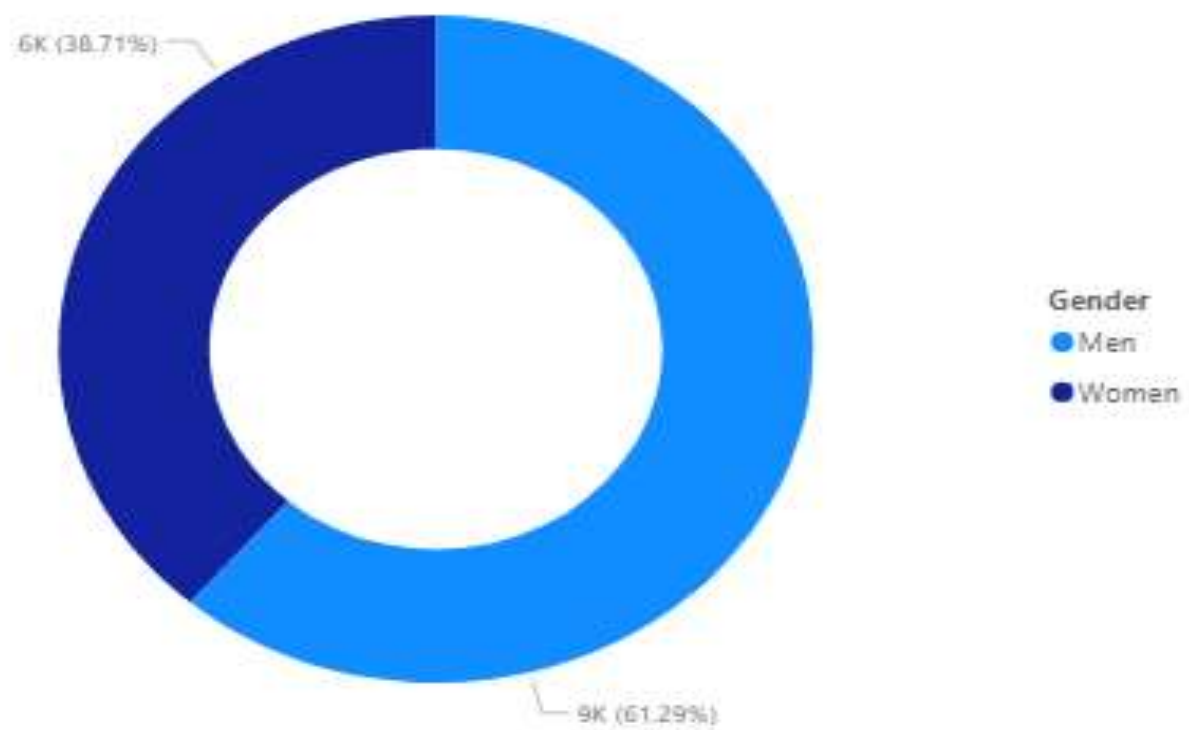


City	Count of Medal
Beijing	2042
Sydney	2015
Athens	1998
Atlanta	1859
Barcelona	1705
Seoul	1546
Los Angeles	1459
Moscow	1386
Montreal	1305
Total	15315

Count of Medal by City

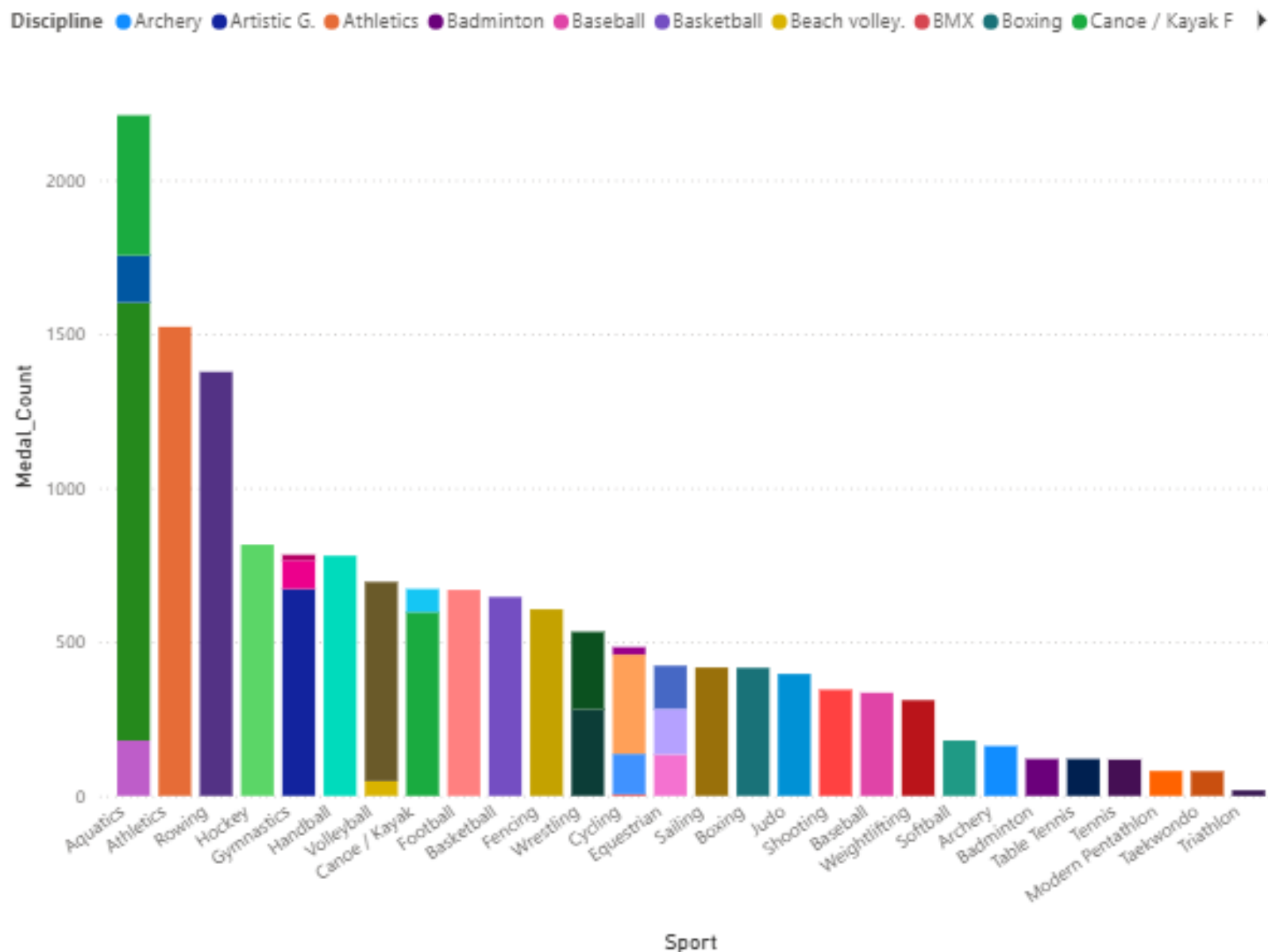


Medal_Count by Gender



Sport	Discipline	Medal_Count
Athletics	Athletics	1523
Aquatics	Swimming	1422
Rowing	Rowing	1377
Hockey	Hockey	816
Handball	Handball	780
Gymnastics	Artistic G.	672
Football	Football	669
Volleyball	Volleyball	647
Basketball	Basketball	646
Fencing	Fencing	606
Canoe / Kayak	Canoe / Kayak F	597
Aquatics	Water polo	455
Sailing	Sailing	417
Boxing	Boxing	416
Judo	Judo	396
Shooting	Shooting	345
Baseball	Baseball	335
Cycling	Cycling Track	322
Weightlifting	Weightlifting	311
Wrestling	Wrestling Free.	281
Wrestling	Wrestling Gre-R	252
Aquatics	Diving	180
Softball	Softball	180
Archery	Archery	162
Aquatics	Synchronized S.	153
Equestrian	Eventing	148
Equestrian	Jumping	140
Equestrian	Dressage	135
Cycling	Cycling Road	131
Total		15315

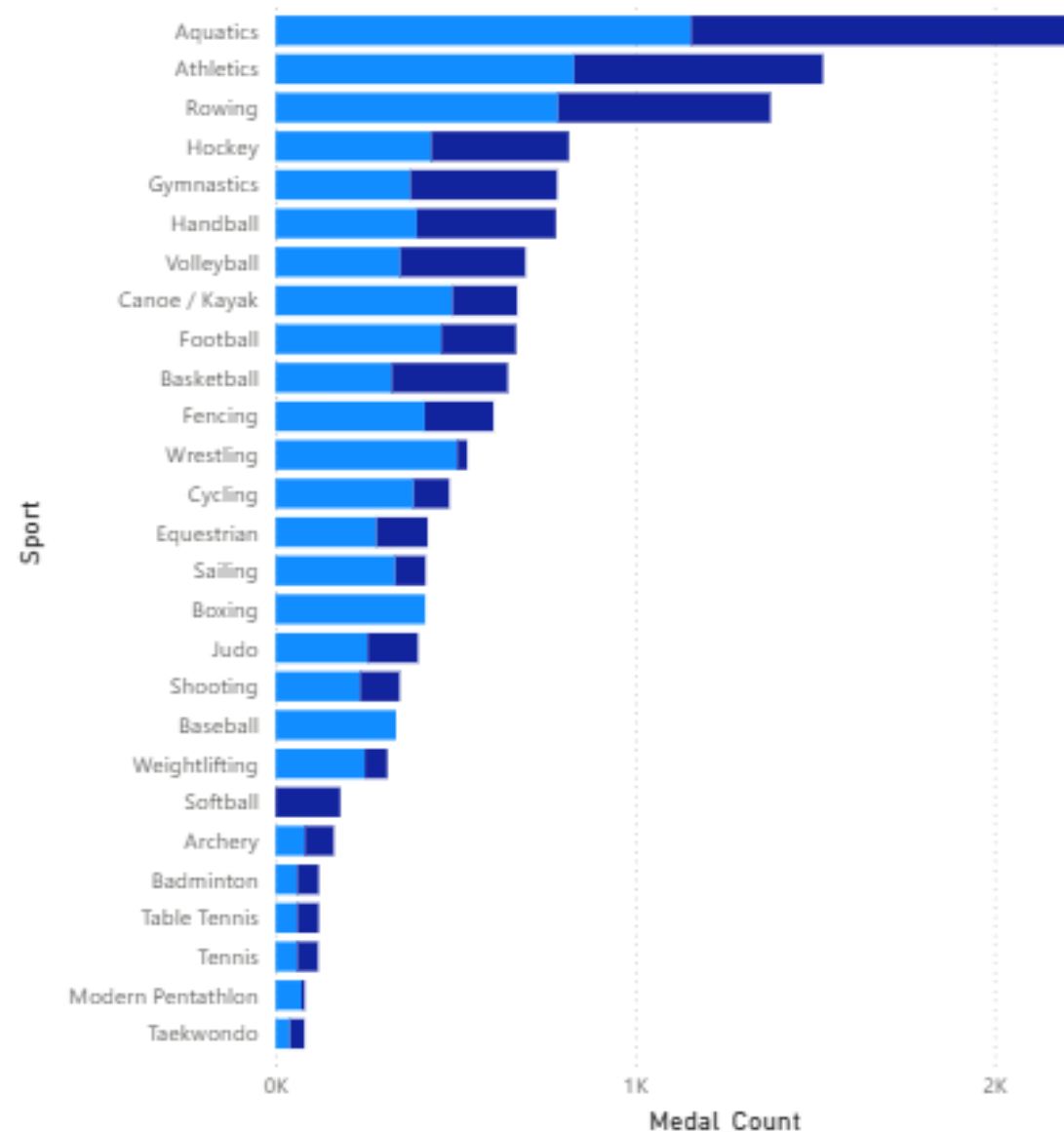
Medal_Count by Sport and Discipline



Sport	Gender	Medal_Count
Aquatics	Men	1156
Aquatics	Women	1054
Athletics	Men	831
Rowing	Men	786
Athletics	Women	692
Rowing	Women	591
Wrestling	Men	505
Canoe / Kayak	Men	492
Football	Men	461
Hockey	Men	433
Boxing	Men	416
Fencing	Men	415
Gymnastics	Women	408
Handball	Men	393
Handball	Women	387
Cycling	Men	384
Hockey	Women	383
Gymnastics	Men	375
Volleyball	Women	348
Volleyball	Men	347
Baseball	Men	335
Sailing	Men	333
Basketball	Men	323
Basketball	Women	323
Equestrian	Men	281
Judo	Men	256
Weightlifting	Men	248
Shooting	Men	235
Football	Women	200
Total		15315

Medal_Count by Sport and Gender

Gender ● Men ● Women



- Shows medal trends – Helps us understand how medals were shared across years, cities, and countries.
- Identifies top performers – USA, Soviet Union, and China are consistent leaders, useful for sports planning and sponsorship.
- Tracks gender gap – Women's share of medals increased after 1980s, showing progress in equality.
- Highlights medal-rich sports – Aquatics and Athletics give the most medals, helping federations focus resources.
- Country strengths – USA strong in athletics and swimming, India strong in hockey and shooting.
- Athlete insights – Top athletes like Michael Phelps dominate, which helps in talent promotion and training strategies.

- Supports decision-making – Statistical tests prove some sports give higher chances of winning than others.
- Forecasting ability – Machine learning model predicts whether a medal is gold, silver, or bronze based on sport, gender, and country.
- Useful for business & media – Sponsors and broadcasters can use these insights for athlete promotion and audience engagement.
- Practical showcase – Demonstrates how data analysis + visualization + ML can turn Olympic data into useful business and sports strategies.