



CODEDEX:

SUMMER

HACKATHON

INTRODUCTION

- University students
- Based in Malaysia
- Exposure to what we are currently learning
- Skill development
- Portfolio building



TEAM MEMBERS



- 20 y/o
- Yemen
- 2nd year degree in Data Science



- 20 y/o
- Malaysia
- 2nd year degree in Data Science



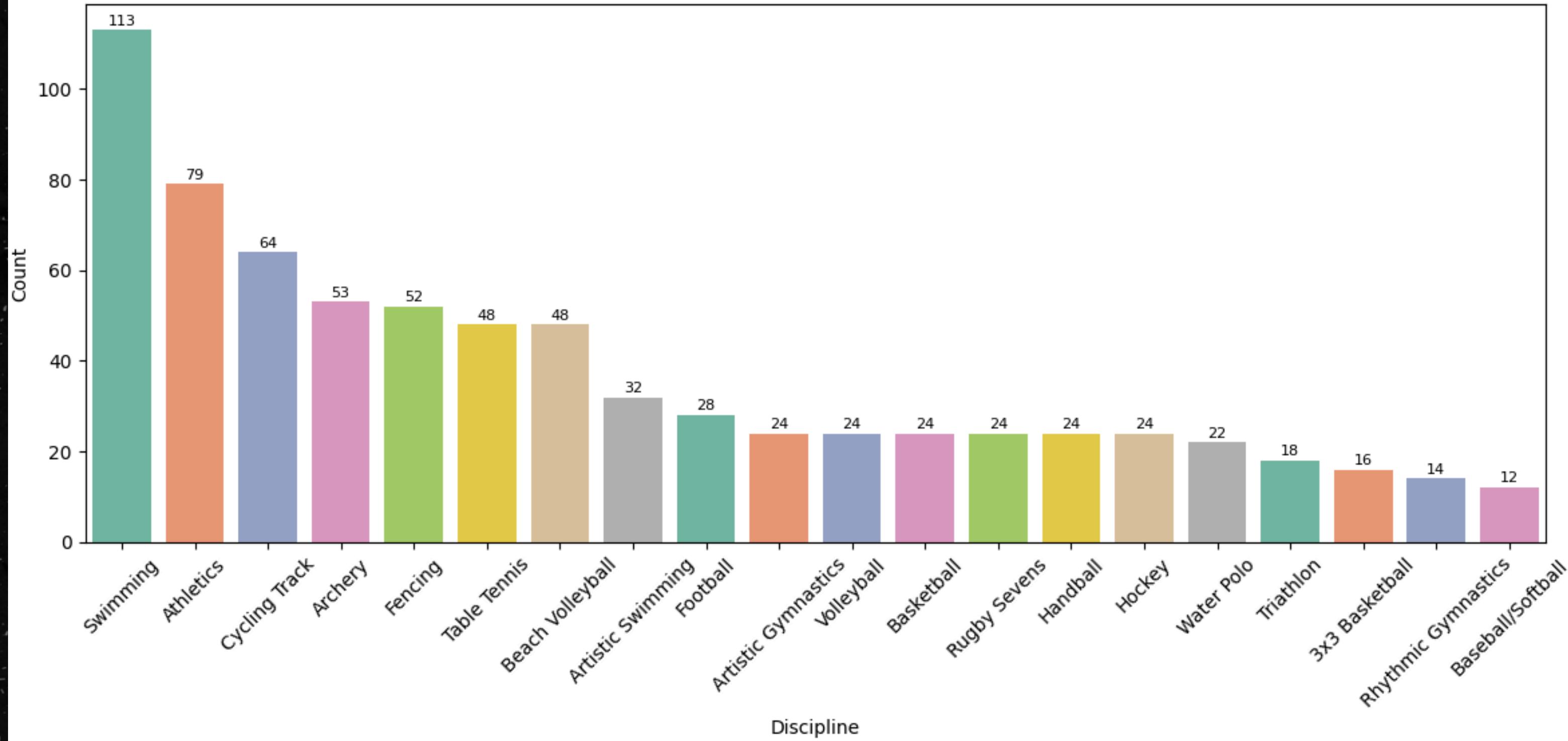
- 19 y/o
- Malaysia
- Foundation in Information Technology

GRAPHS

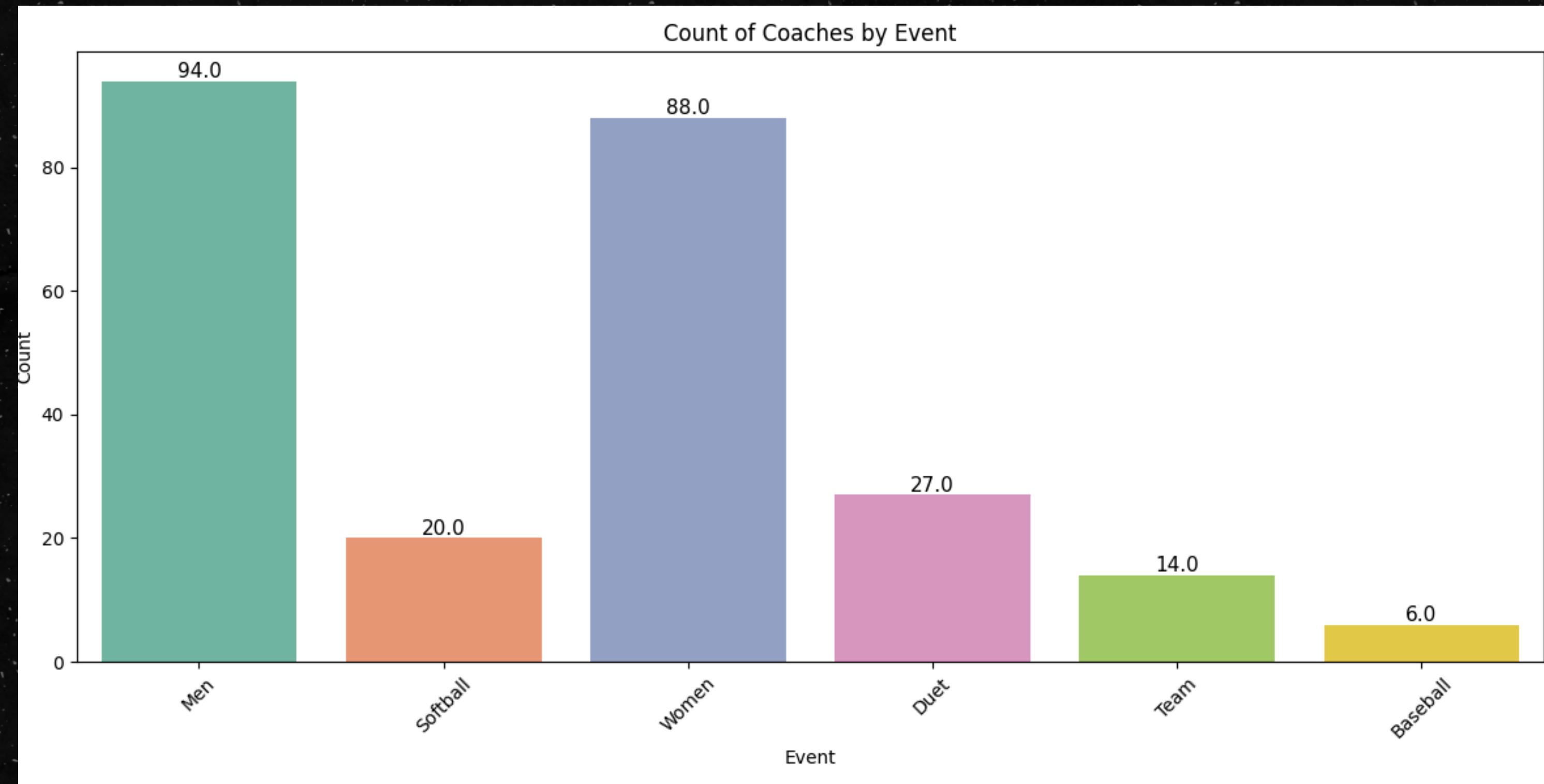


TEAMS DATASET

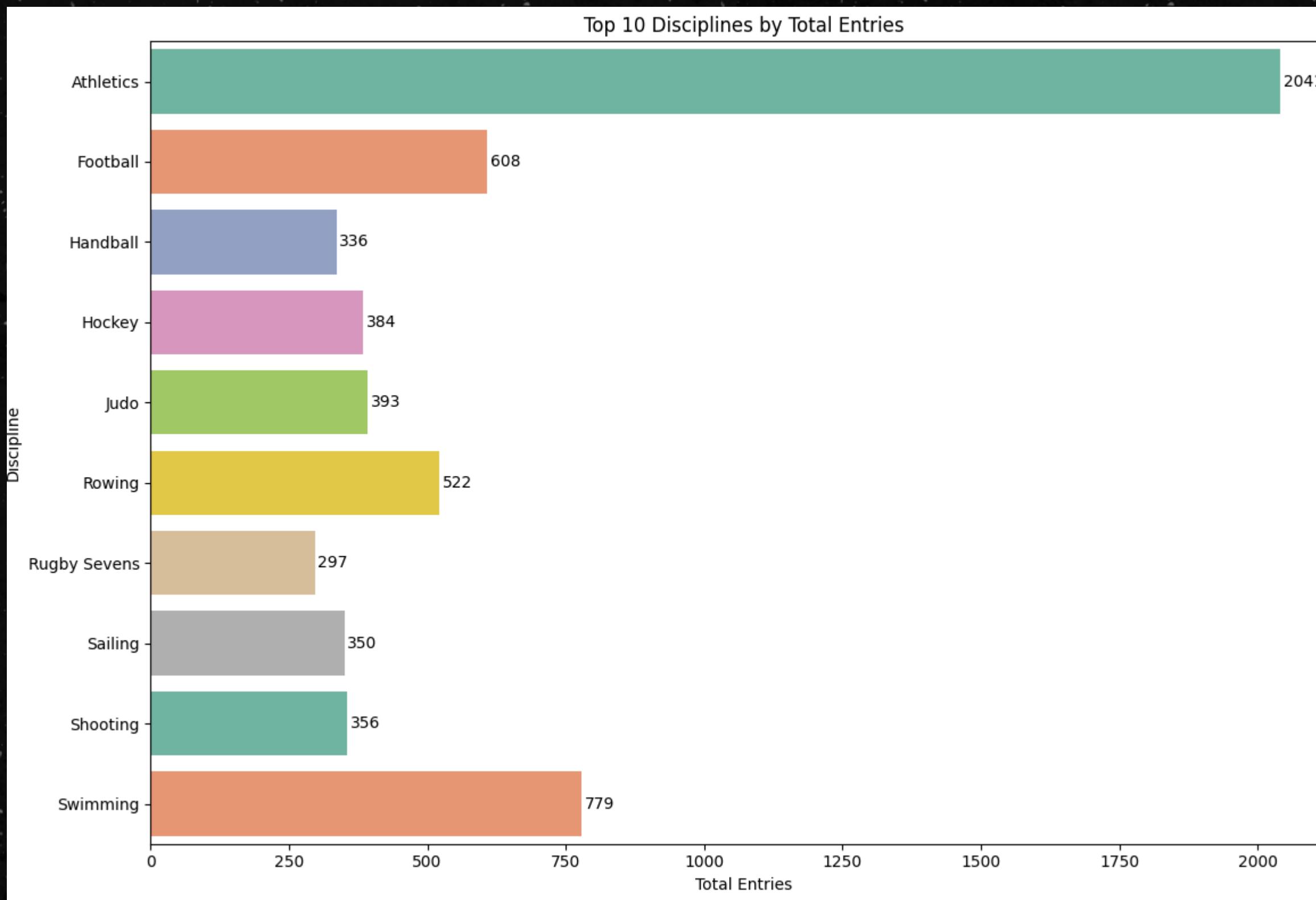
Count of Teams by Discipline



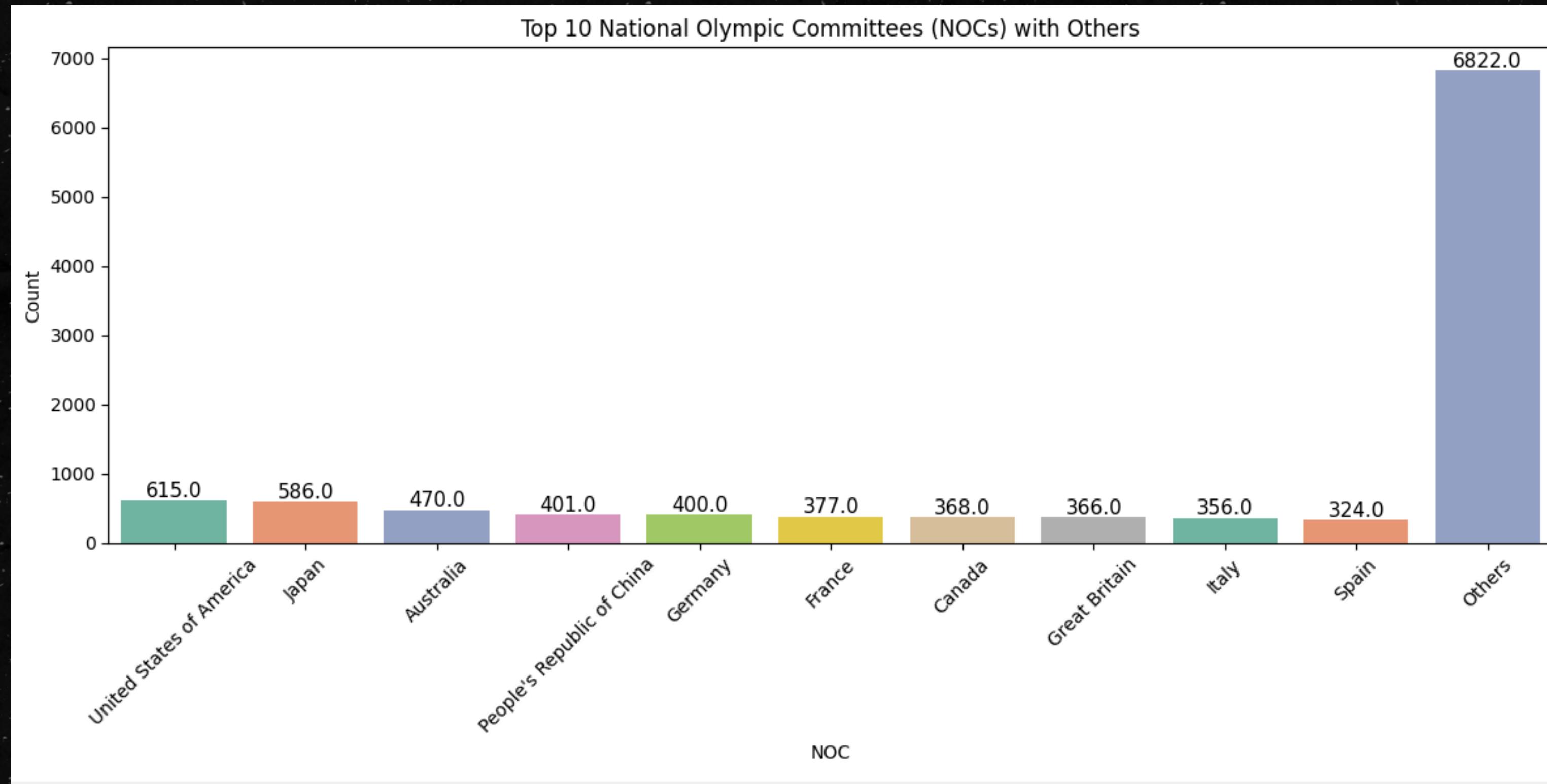
COACH DATASET



ENTRIES GENDER DATASET



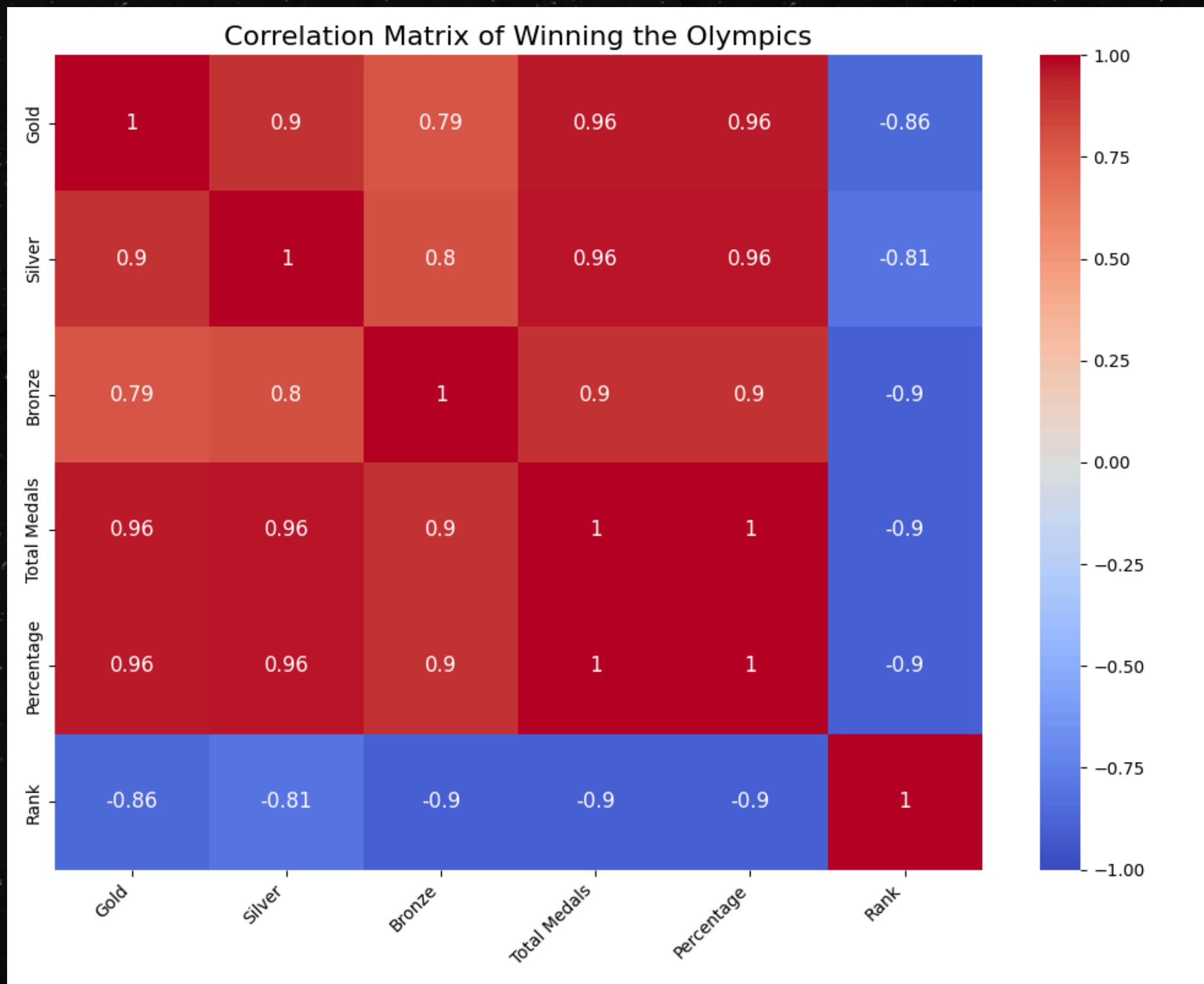
ATHLETES DATASET



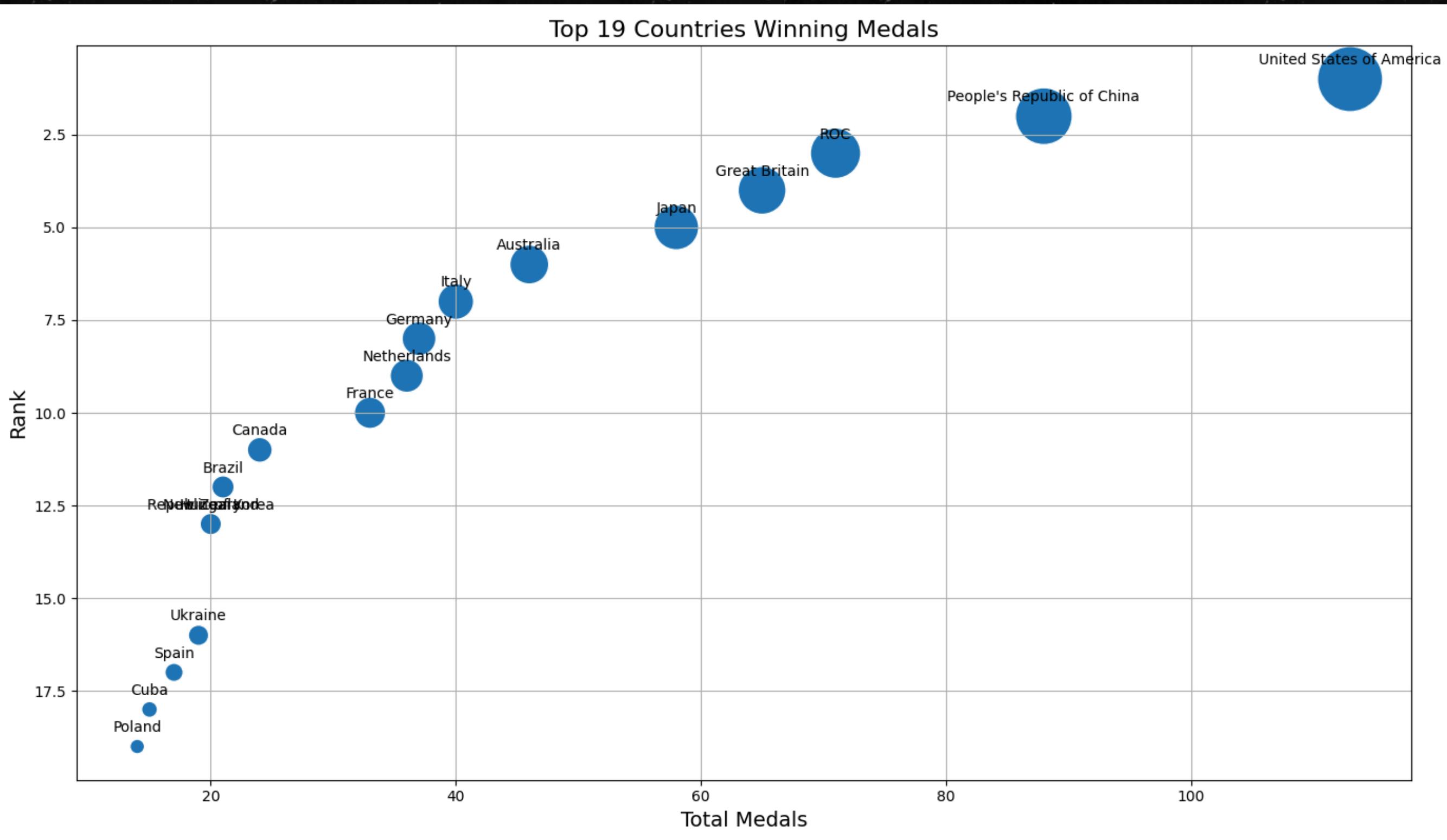
MEDALS DATASET

Medal Counts and Probabilities for Top 19 Countries																			
Medal Type	United States of America	People's Republic of China	ROC	Great Britain	Japan	Australia	Italy	Germany	Netherlands	France	Canada	Brazil	New Zealand	Hungary	Republic of Korea	Ukraine	Spain	Cuba	Poland
Gold	39.00	38.00	20.00	22.00	27.00	17.00	10.00	10.00	10.00	7.00	7.00	7.00	6.00	6.00	1.00	3.00	7.00	4.00	
Silver	41.00	32.00	28.00	21.00	14.00	7.00	10.00	11.00	12.00	12.00	6.00	6.00	6.00	7.00	4.00	6.00	8.00	3.00	5.00
Bronze	33.00	18.00	23.00	22.00	17.00	22.00	20.00	16.00	14.00	11.00	11.00	8.00	7.00	7.00	10.00	12.00	6.00	5.00	5.00
Total Medals	113.00	88.00	71.00	65.00	58.00	46.00	40.00	37.00	36.00	33.00	24.00	21.00	20.00	20.00	20.00	19.00	17.00	15.00	14.00
Percentage	10.46	8.15	6.57	6.02	5.37	4.26	3.70	3.43	3.33	3.06	2.22	1.94	1.85	1.85	1.76	1.57	1.39	1.30	
Rank	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	13.00	13.00	16.00	17.00	18.00	19.00
Probability (%)	10.46	8.15	6.57	6.02	5.37	4.26	3.70	3.43	3.33	3.06	2.22	1.94	1.85	1.85	1.76	1.57	1.39	1.30	

MEDALS DATASET



MEDALS DATASET



CONCLUSION



- We leverage Python along with essential libraries like pandas, matplotlib, seaborn, and sqlalchemy.
- We meticulously cleaned and processed each dataset from the 2021 Olympics sourced from Kaggle
- We focused our analyses on the Top 10 countries, ensuring clarity and relevance in our graphical representations.
- Enabled us to derive actionable insights that could potentially inform and enhance preparations for the upcoming Olympics in 2024.
- The tools used contributes to a more informed strategy and decision-making process moving forward.

**THANK YOU FOR
LISTENING!**