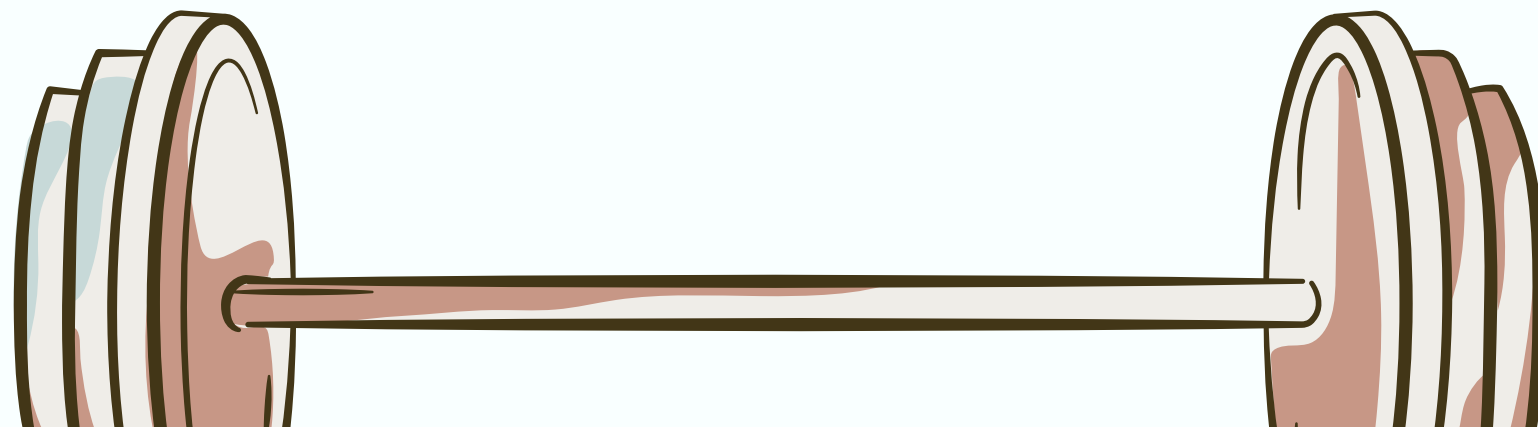
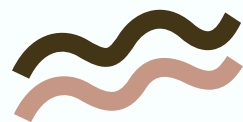
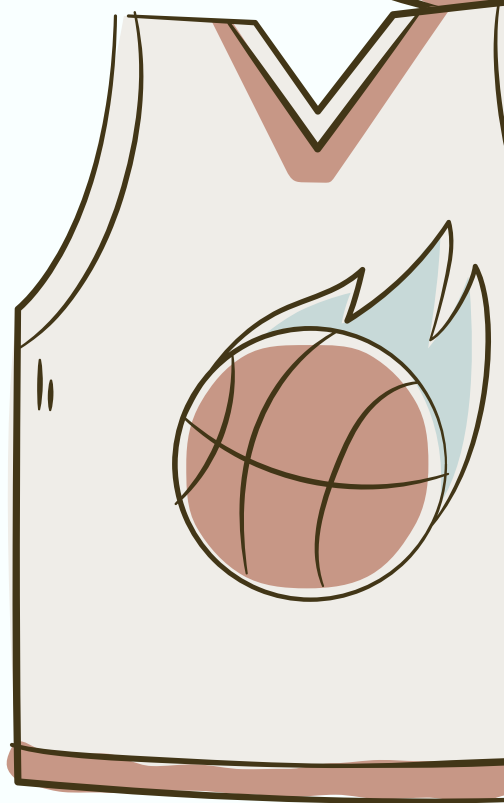


Olympics



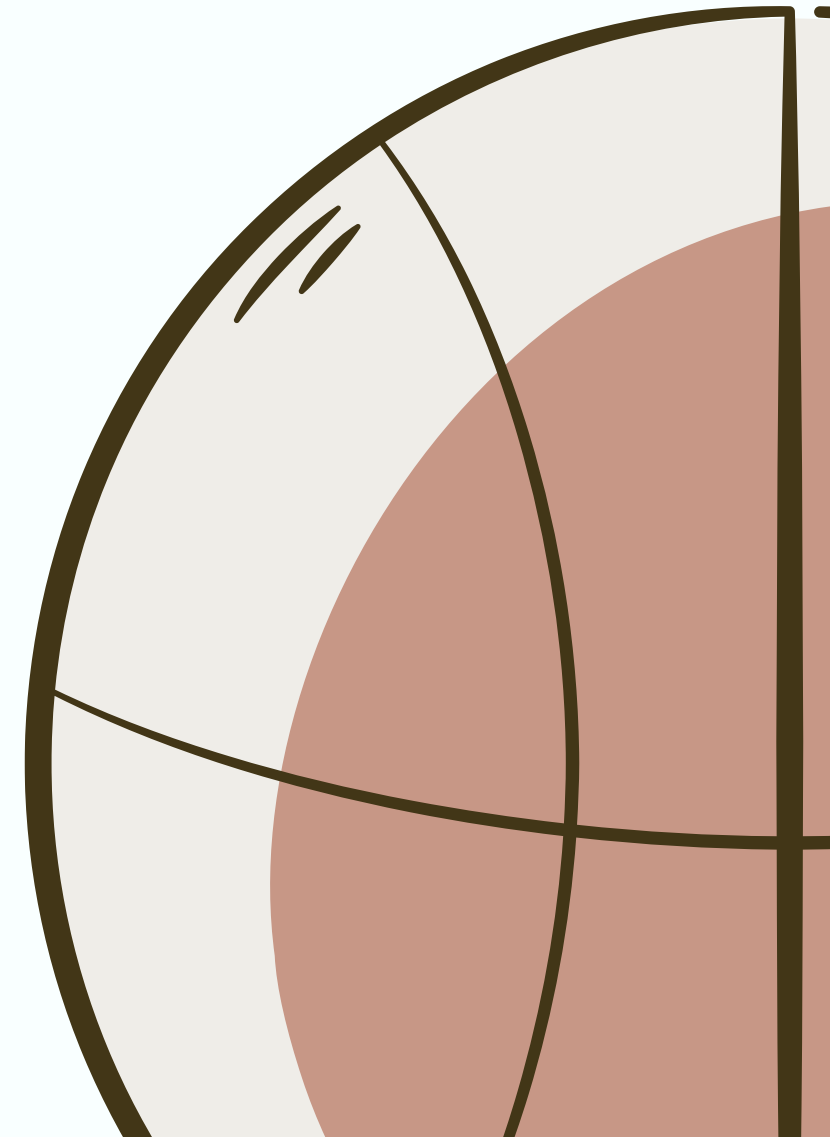
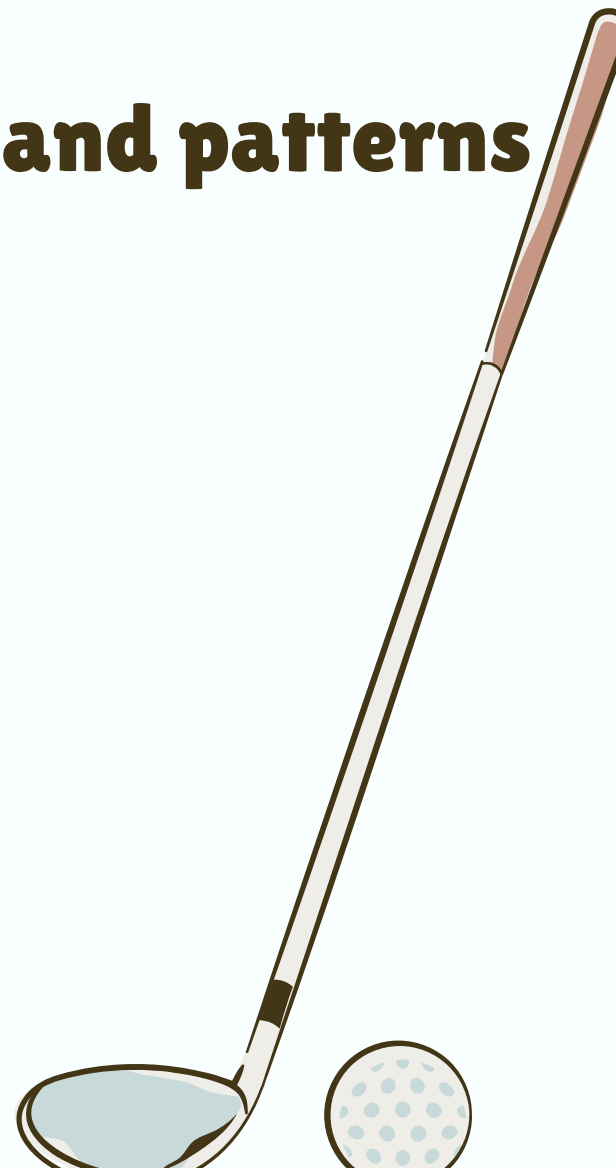
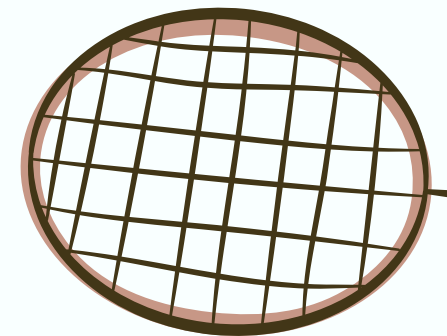
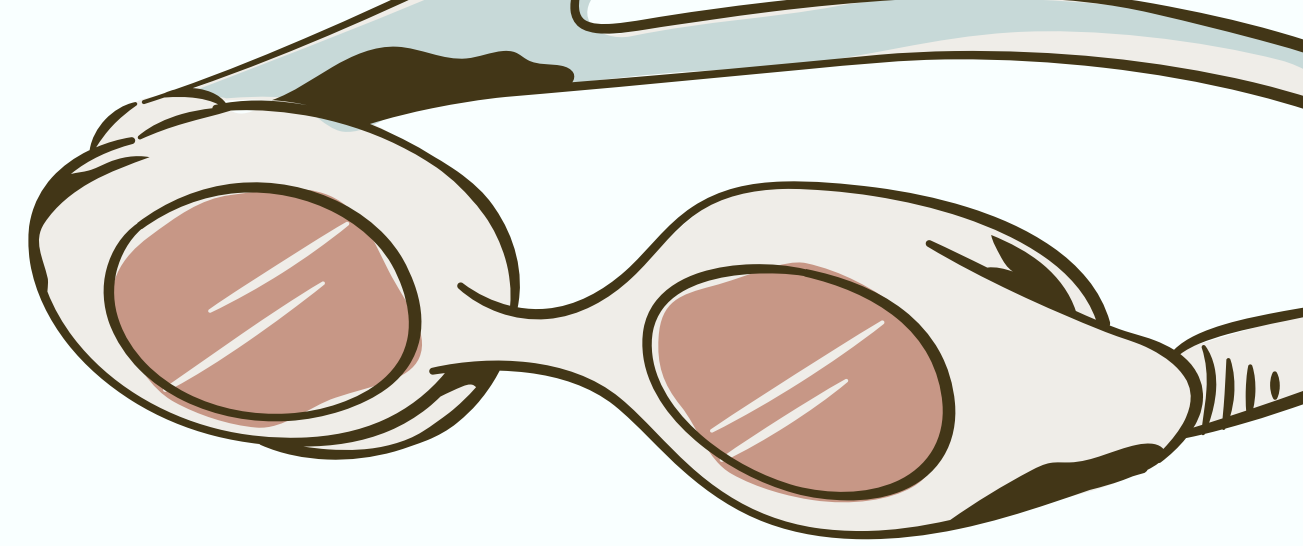


Introduction

- **We aim to explore the characteristics of Olympic athletes (Age, Weight, Height)**
- **Examine the differences between males and females in the Olympics**
- **Compare the Summer and Winter Olympic Games**

Introduction

- **The dataset includes athlete characteristics spanning from 1896 to 2016.**
- **We conducted a comparative analysis between male and female participants.**
- **Historical data was examined to identify trends and patterns in athlete attributes over time.**

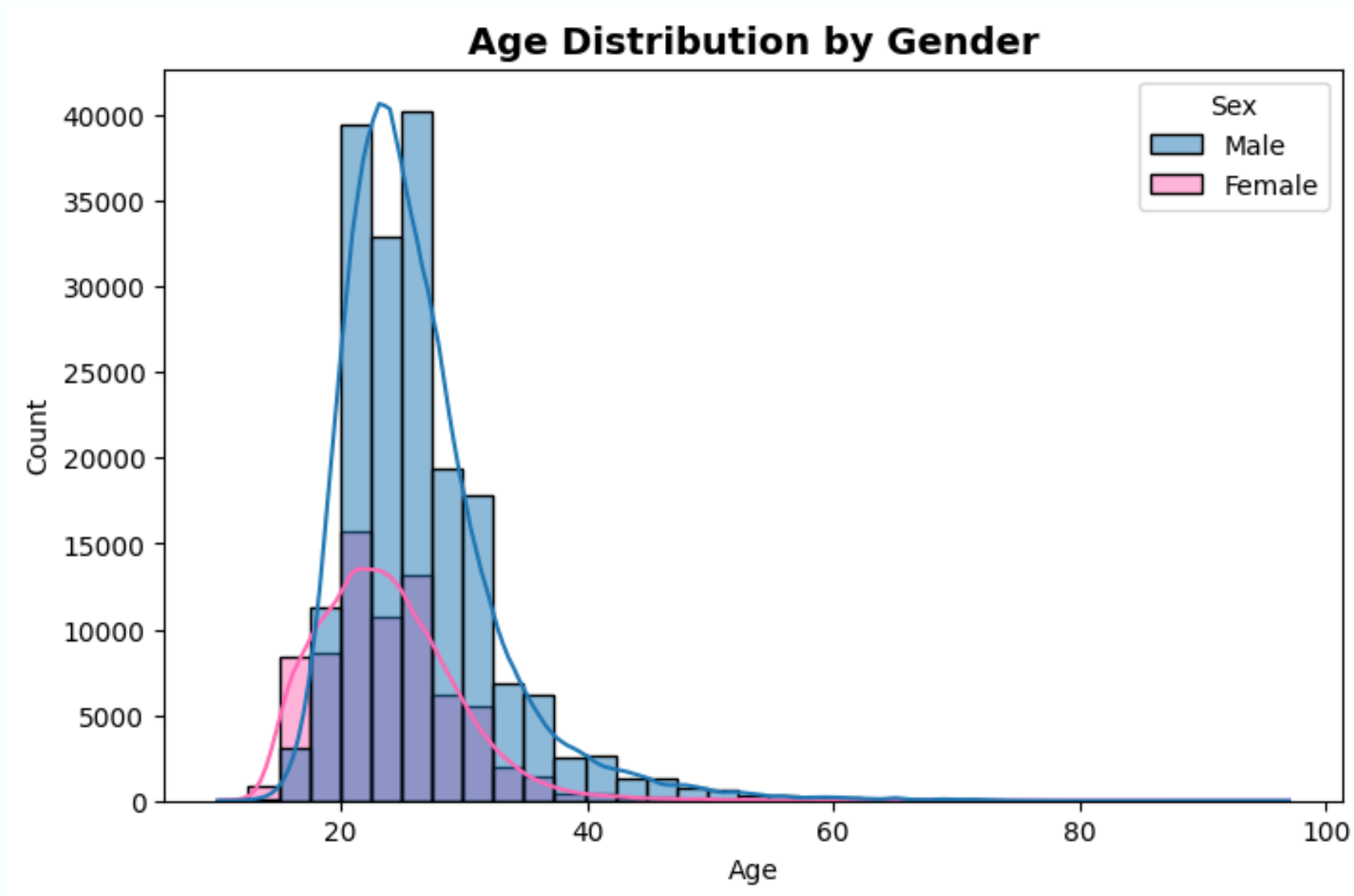




Problem Statement

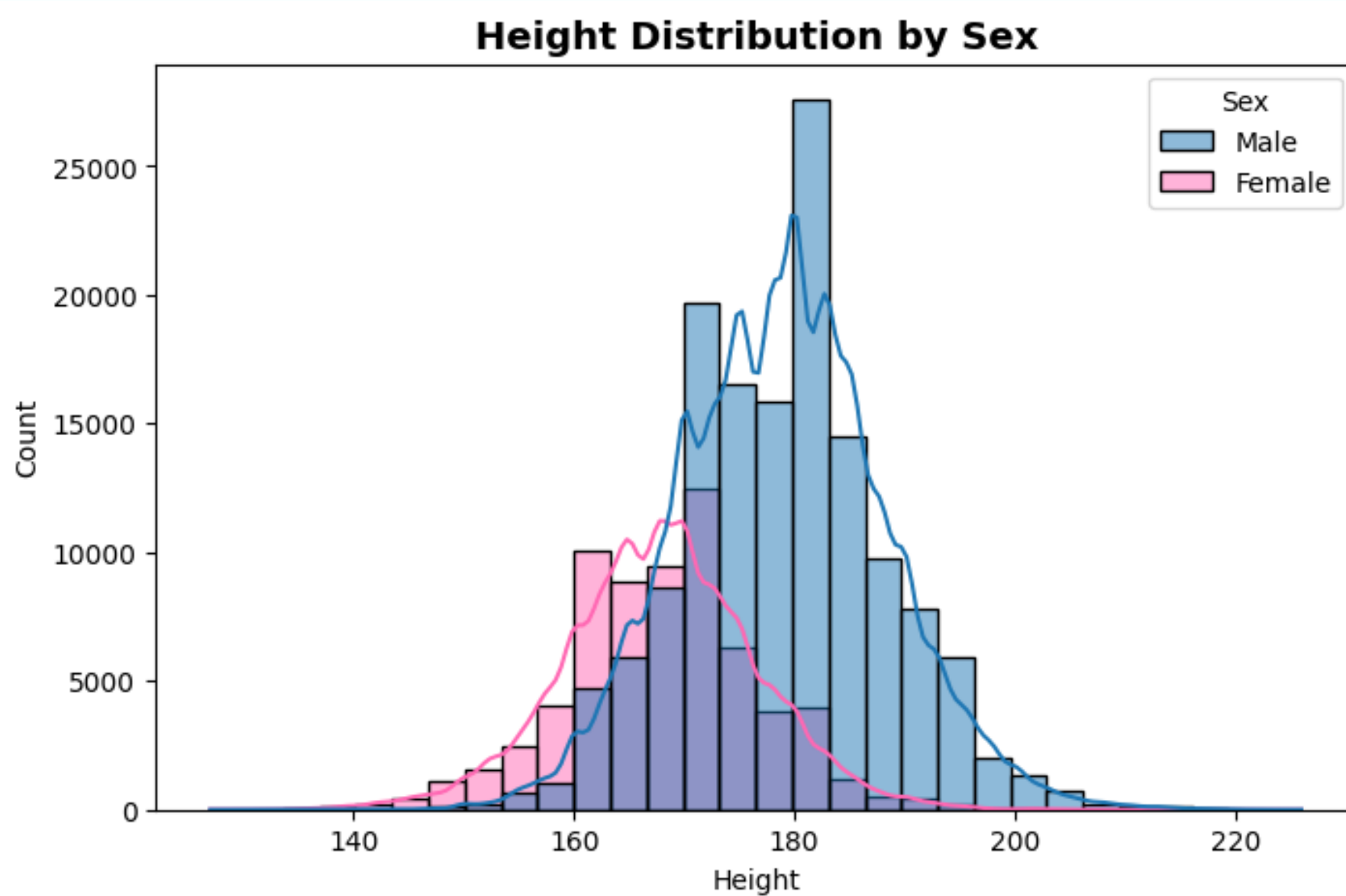
The Olympic Games bring athletes from every corner of the world, yet only a small share of them win medals. In this project, we look at how age, height, and weight shape those outcomes and how these traits differ for men and women. We track participation across the last six Olympic Games, focusing on the balance between male and female athletes. And to show how much the Games have evolved, we compare the 1952 and 2016 Summer Olympics, highlighting how the profile of athletes especially women has shifted over time.

Age Distribution: Male vs Female Olympians

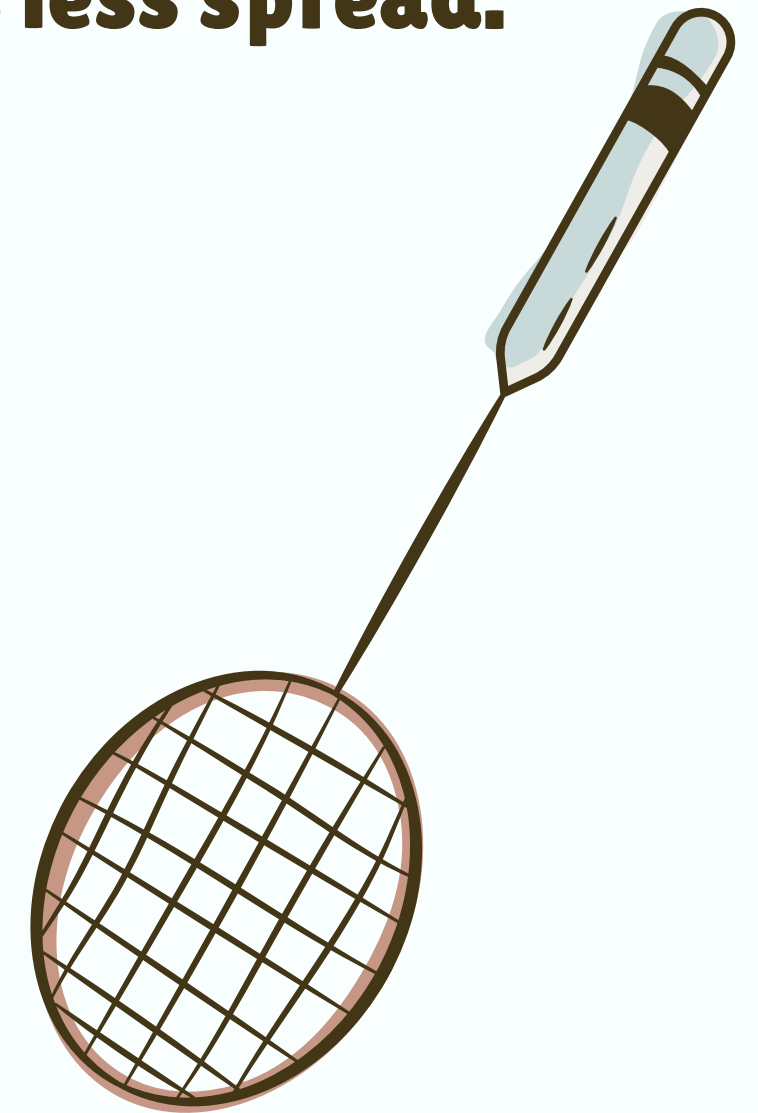


- **Male and female age distributions are very similar.**
- **Both Male and Females peak in the mid-20s.**

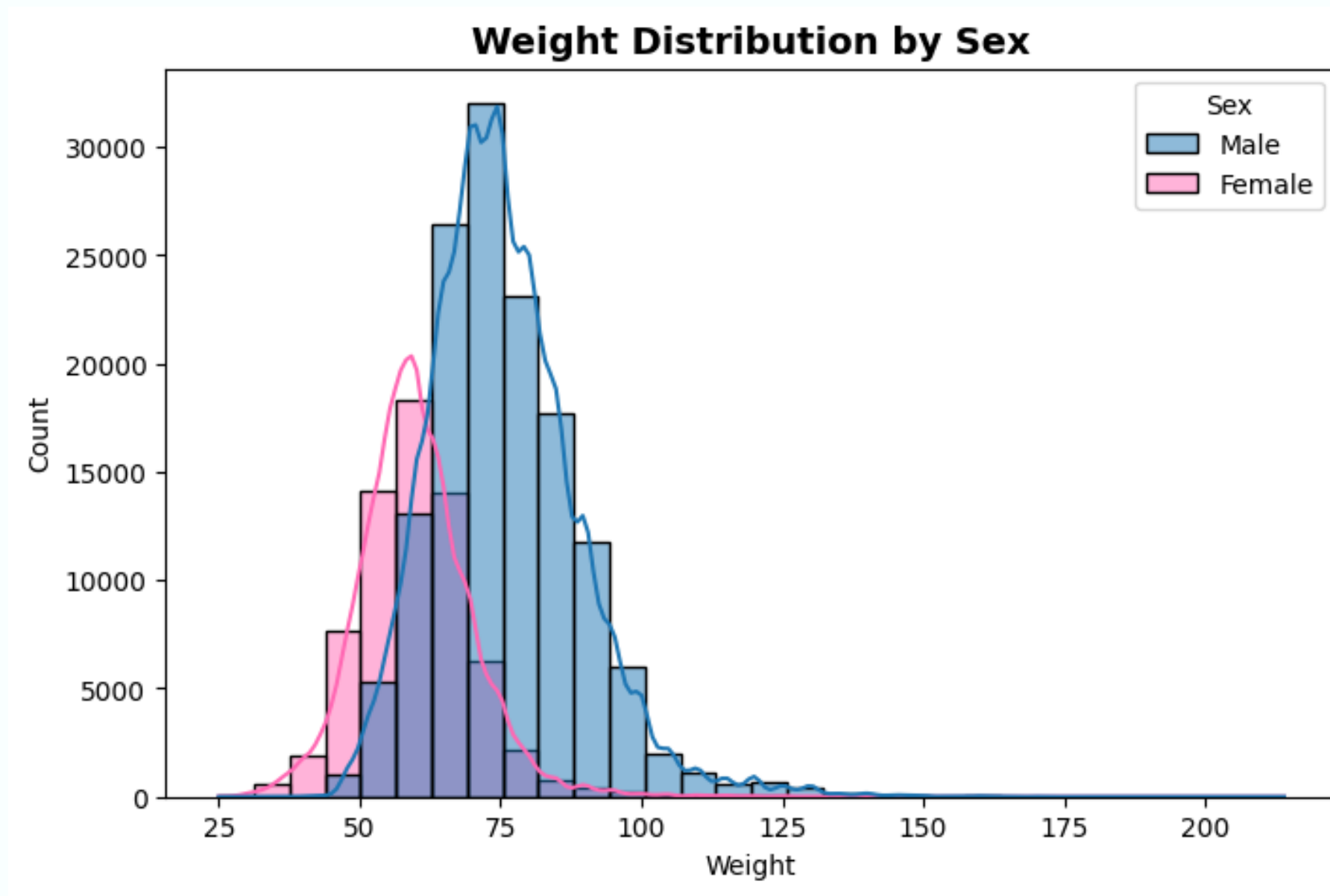
Olympic Athlete Height Comparison by Gender



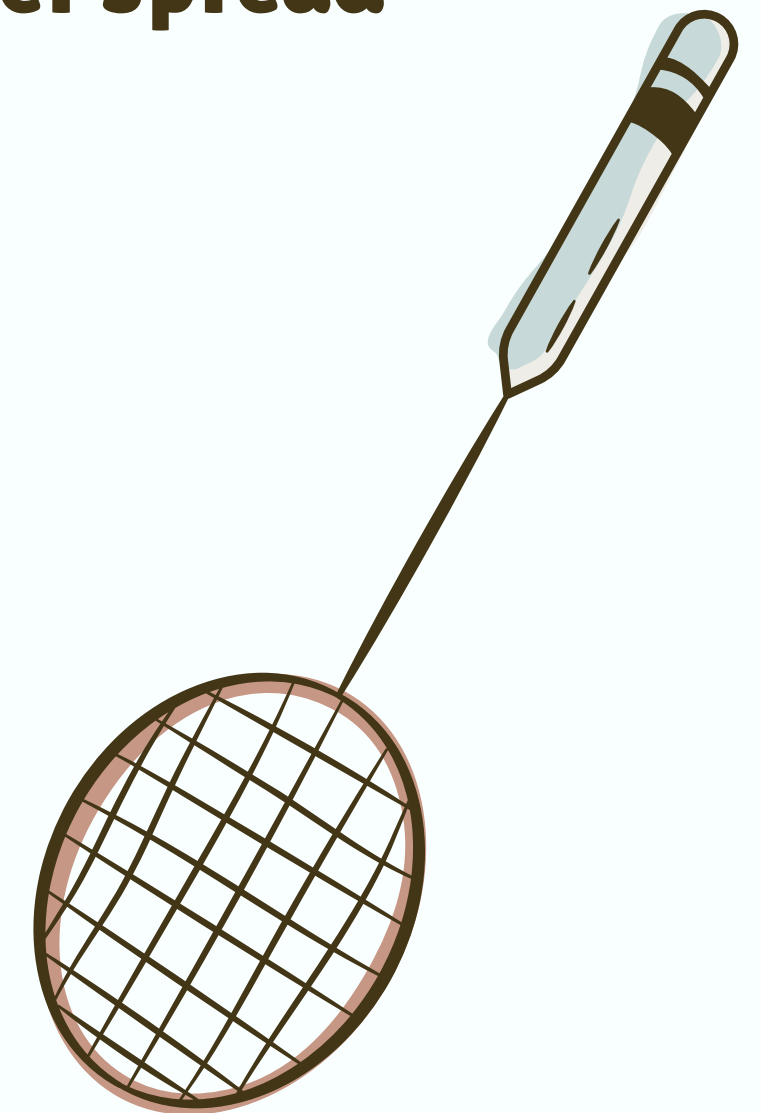
- **Males are generally taller than females.**
- **Female distribution is less spread.**



Weight Distribution: Male vs Female Olympians

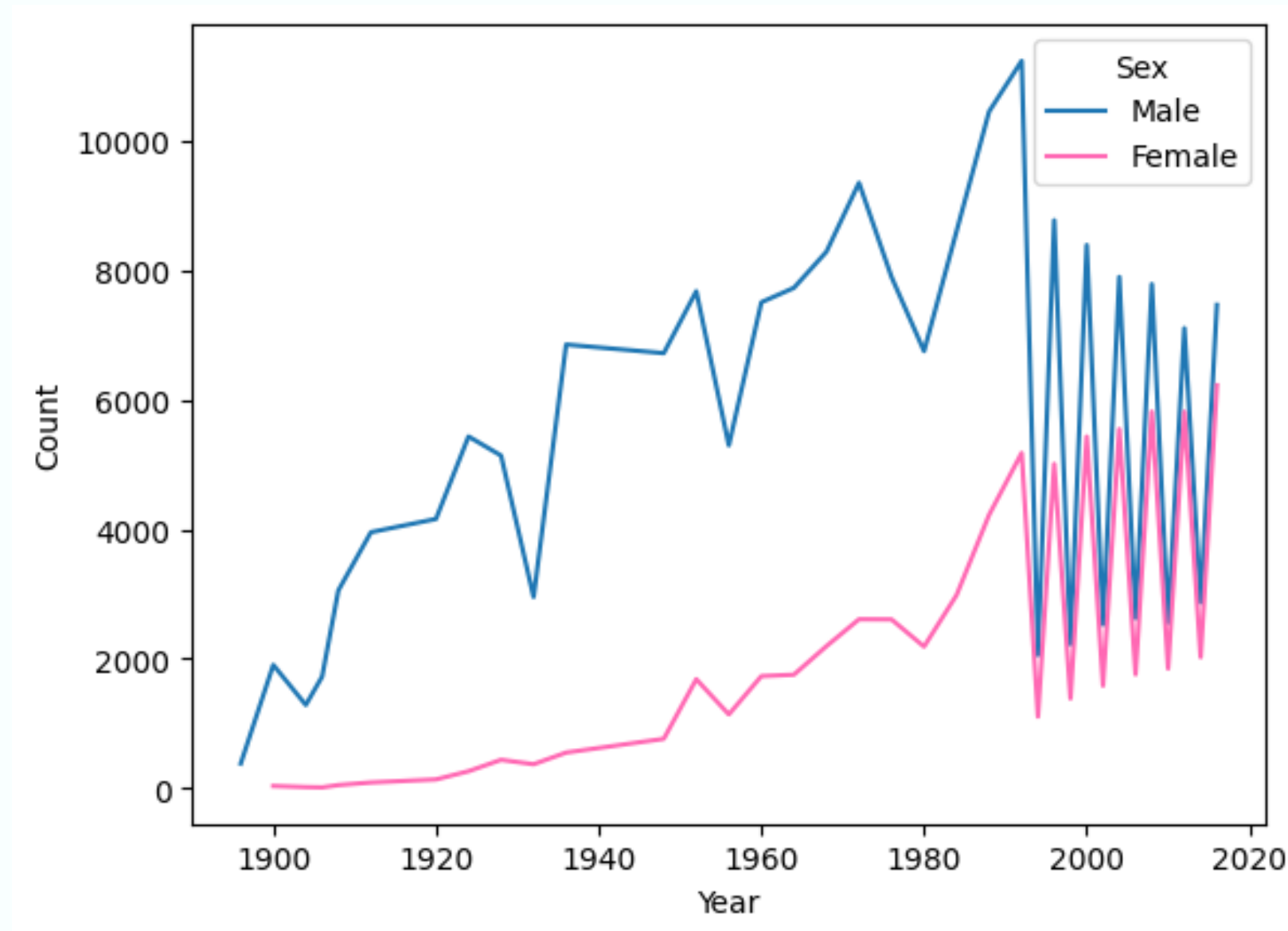


- **Males have a higher Weight than females**
- **Males have much wider spread**

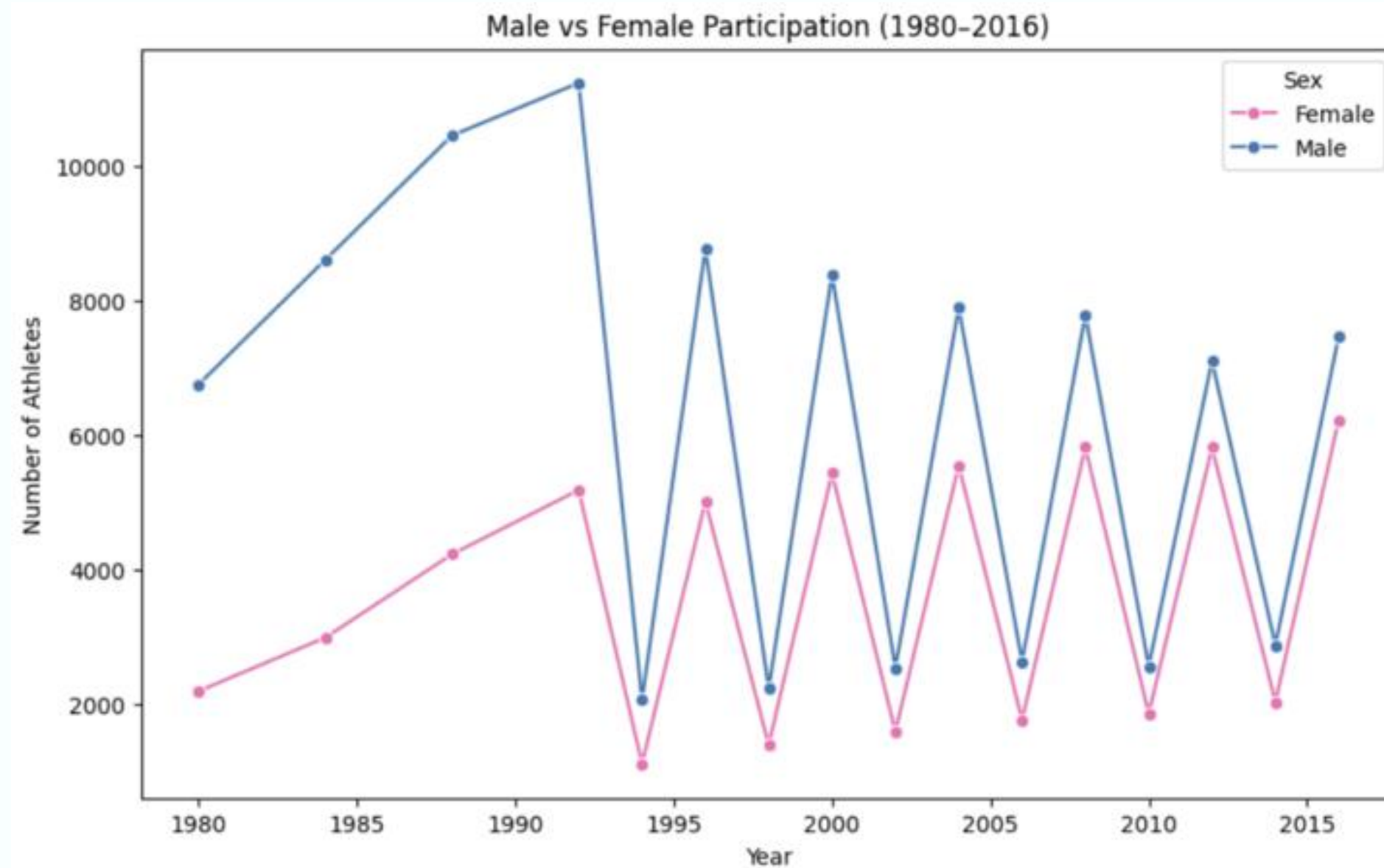


Athlete Participation from 1896 to 2016

Males started at 1896, while females at 1900.
They separated the Summer & Winter after 1996.

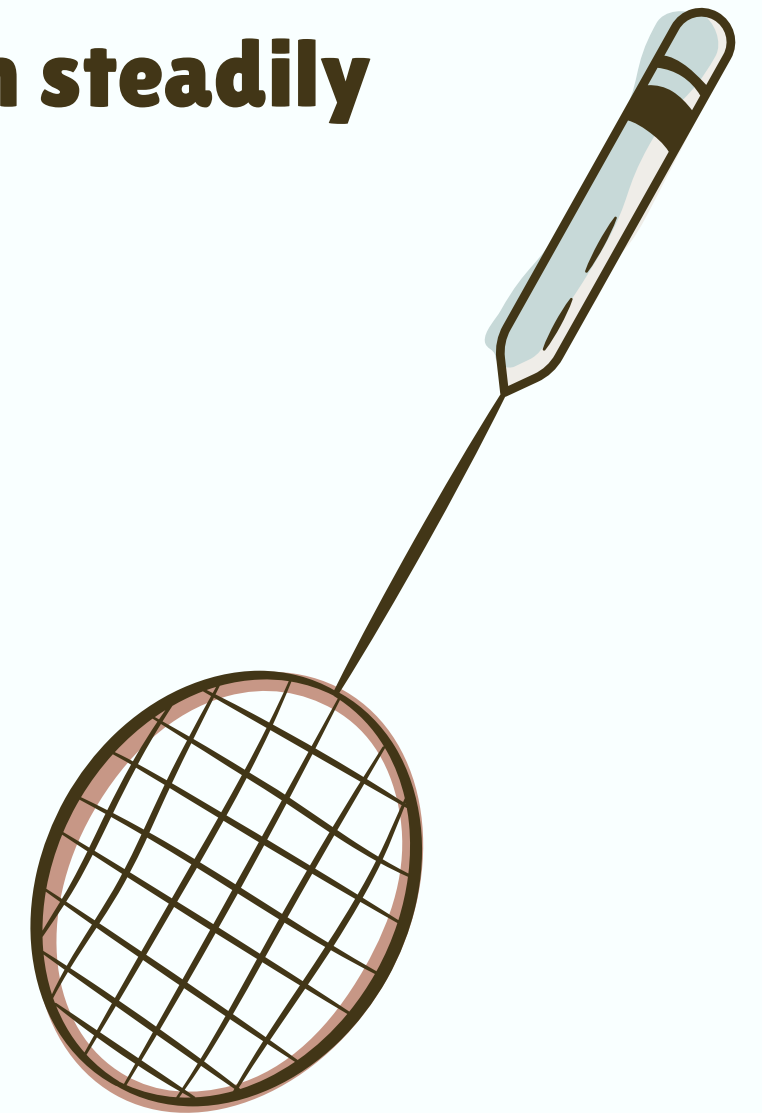


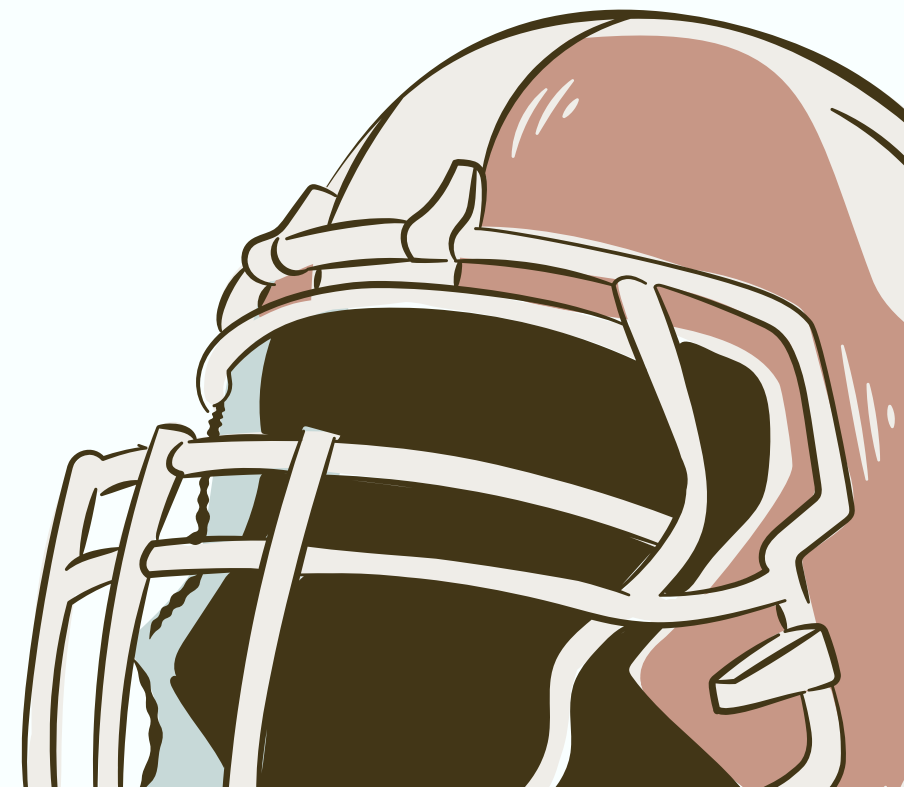
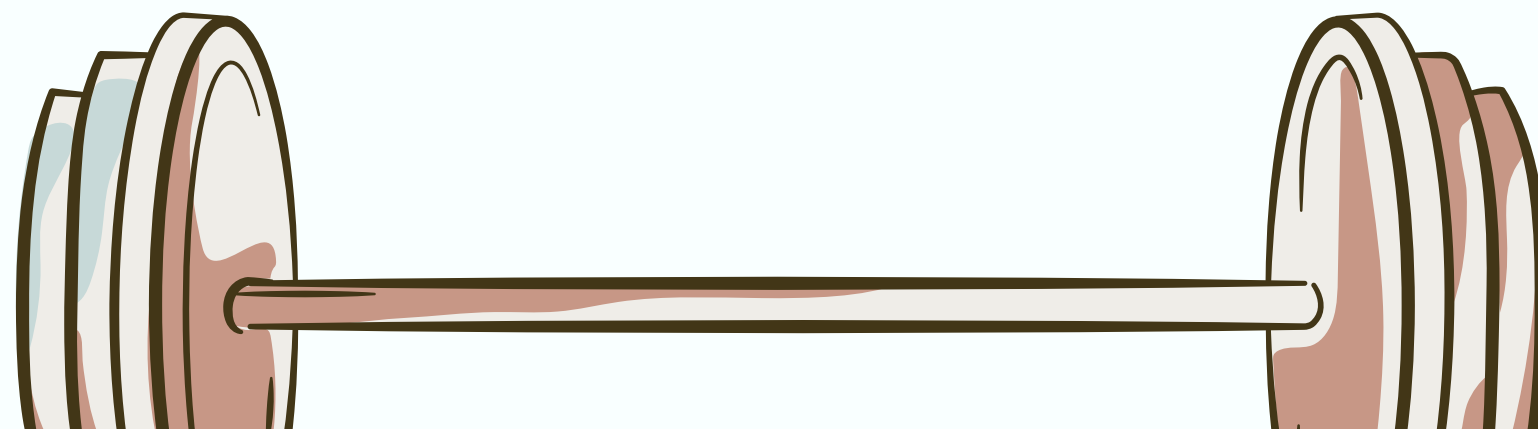
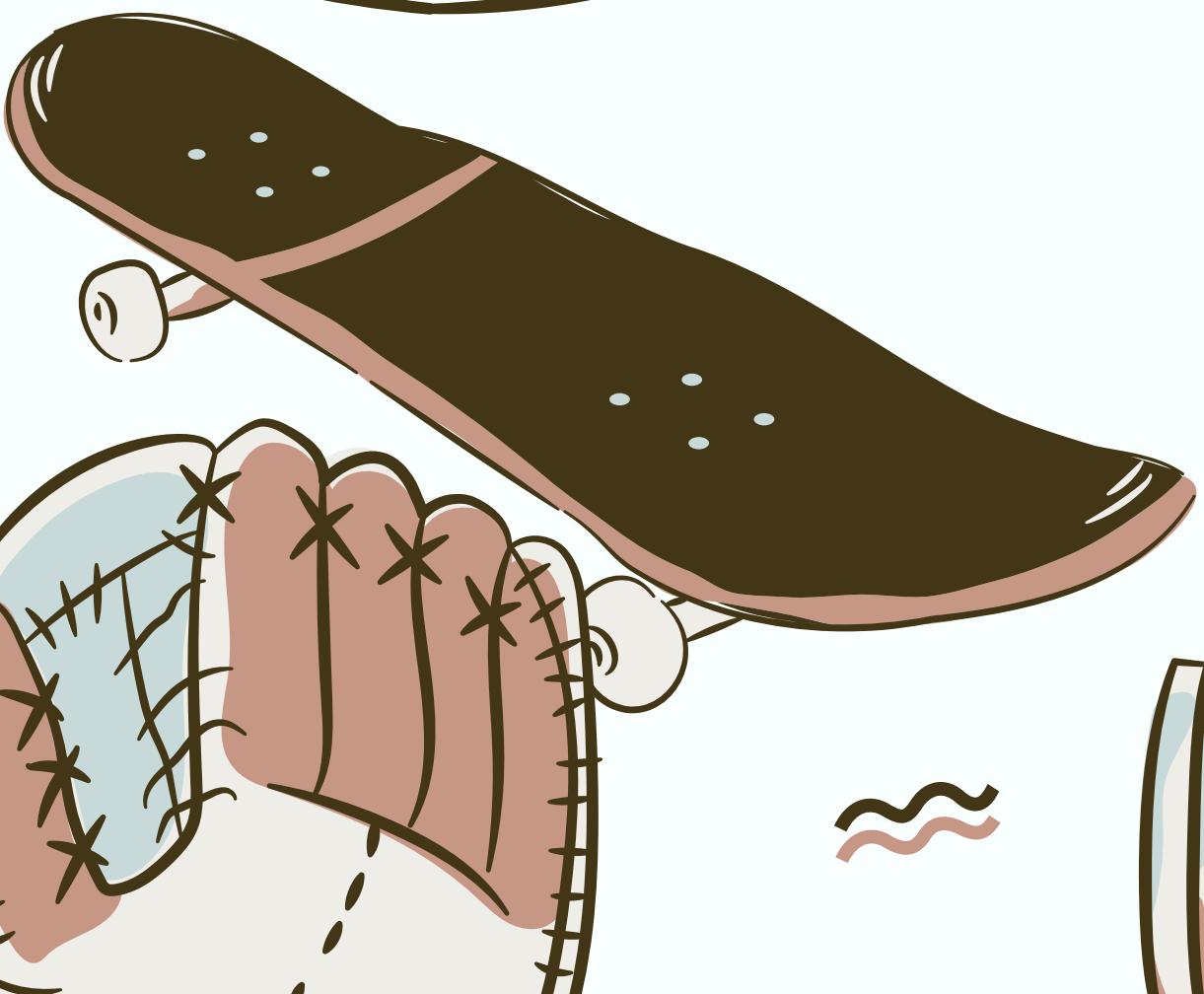
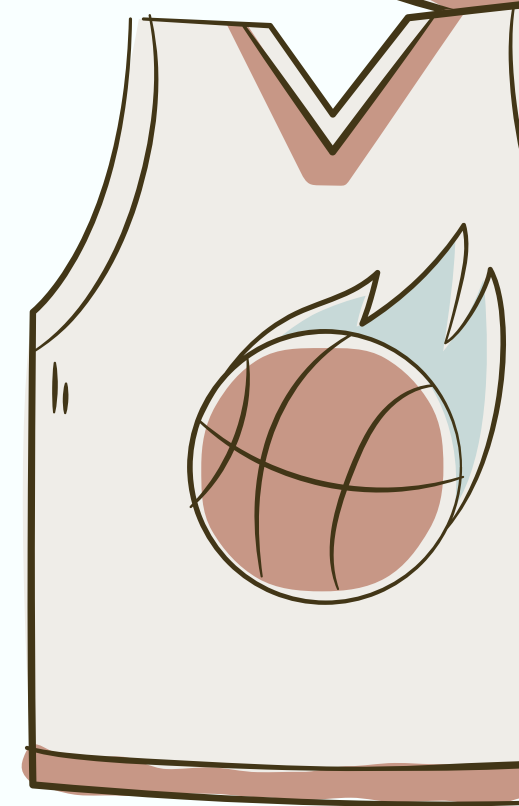
Athlete Participation from 1980 to 2016



Conclusion

- **The Summer Olympics feature more events and attract higher athlete participation than the Winter Olympics.**
- **Historically, female participation has been lower than male participation due to fewer events available for women.**
- **In recent years, the number of events for female athletes has been steadily increasing, reflecting progress toward gender equity in sports**





**Thank
You**