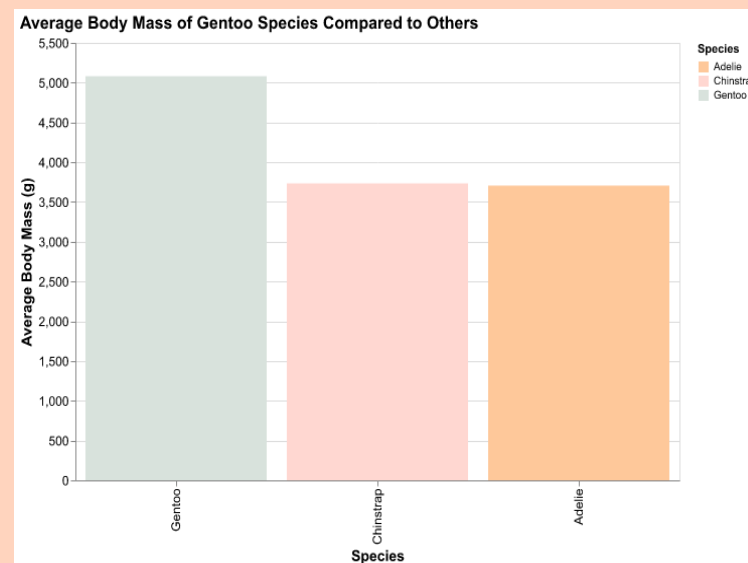


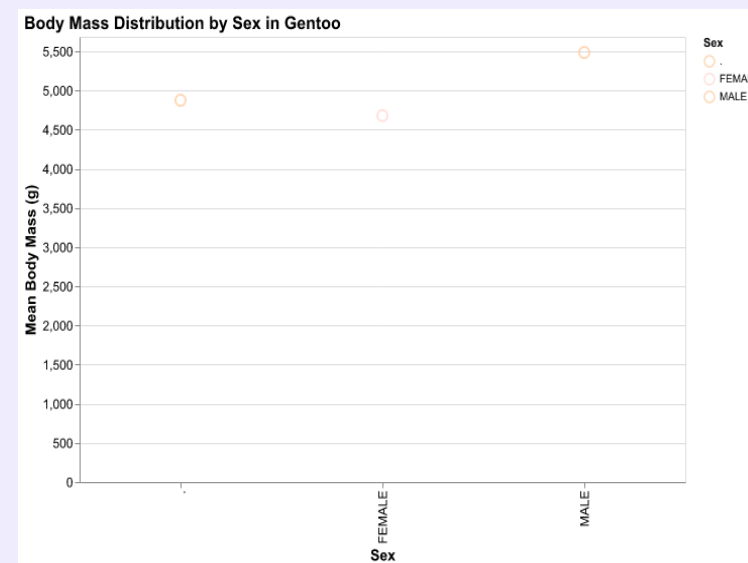
Introduction

This poster explores the relationship between Gentoo species and body mass. We analyze body mass compared to other species and its distribution by sex. Visualization charts present insights on these key aspects.

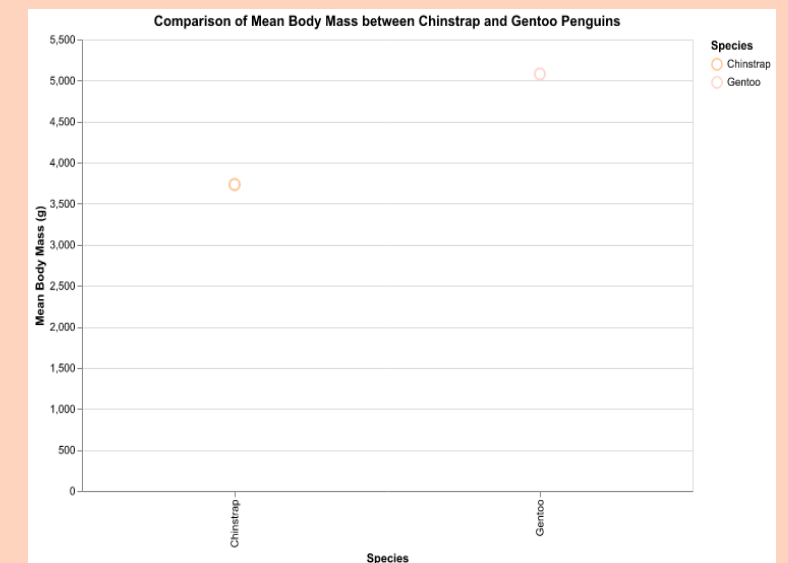
Is there a relationship between Gentoo species and body mass?



Gentoo species have the highest average body mass compared to Adelie and Chinstrap species.



The chart shows Gentoo penguins' body mass distribution, with males heavier than females.



Gentoo penguins are heavier than Chinstrap penguins by about 1346.42 grams.

Conclusion

Gentoo penguins have a mean body mass of 5079.51 grams. They are heavier than Adelie and Chinstrap species. Adelie species average 3706.16 grams, while Chinstrap species average 3733.09 grams. The difference in body mass is significant between Gentoo and other species. When categorized by sex, male Gentoo penguins weigh more than females. Males average 5484.84 grams, while females average 4679.74 grams. Overall, Gentoo species are the heaviest among the three compared species. This analysis shows a clear relationship between Gentoo species and body mass.