



PURCHASE OF AIRPLANES FOR COMMERCIAL & PRIVATE ENTERPRISES

Presented by: Cyrus Wambugu Macharia

Last updated: Sept 7th, 2024

Table of Contents

PURCHASE OF AIRPLANES FOR COMMERCIAL & PRIVATE ENTERPRISES

- ❖ Purpose Statement
- ❖ Telling my story with data
- ❖ Conclusion

Objective

Identifying the best choice of aircraft for purchase & operation
in the commercial & private enterprise space

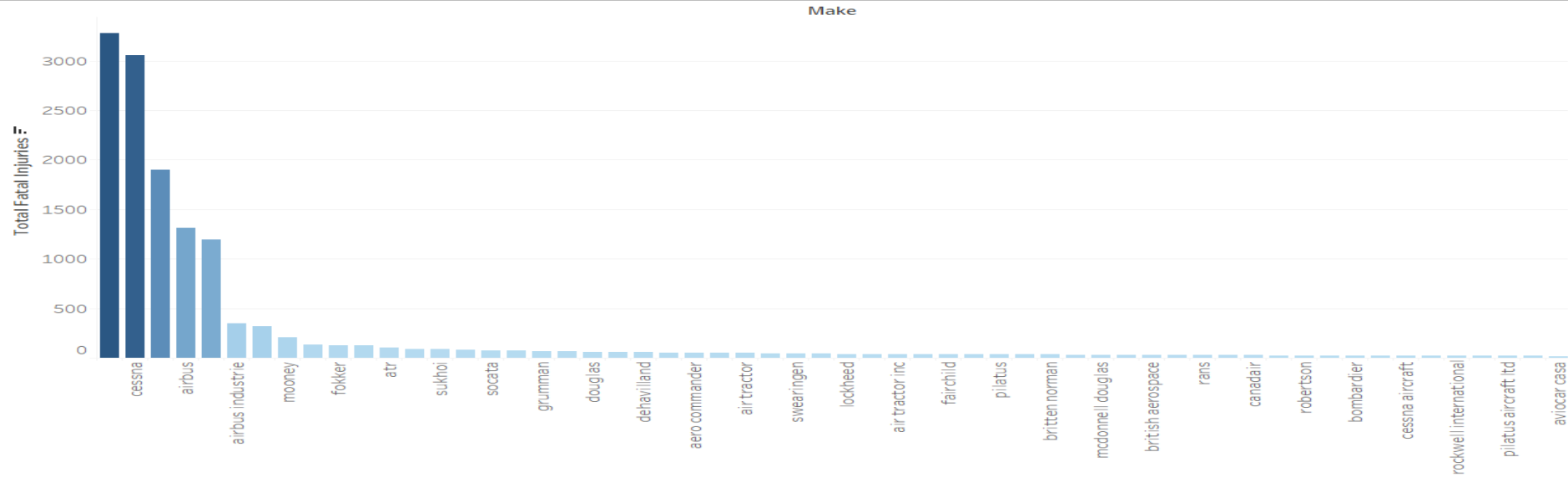
Telling my story with data

- ❖ The data source is from the National Transportation Safety Board for the years 1962 to 2023 about civil aviation & accidents & selected incidents in the United States & International waters
- ❖ The Data used points specifically to the potential risks associated with operating the aircrafts
- ❖ The risks come from data showing the accidents from specific Makes of planes and the nature of injuries or death associated with such accidents

- ❖ From the above, Boeing Aircraft seems to have the highest accident rates across the board
- ❖ Looking at that perspective alone is not enough, we need more data to cement this fact

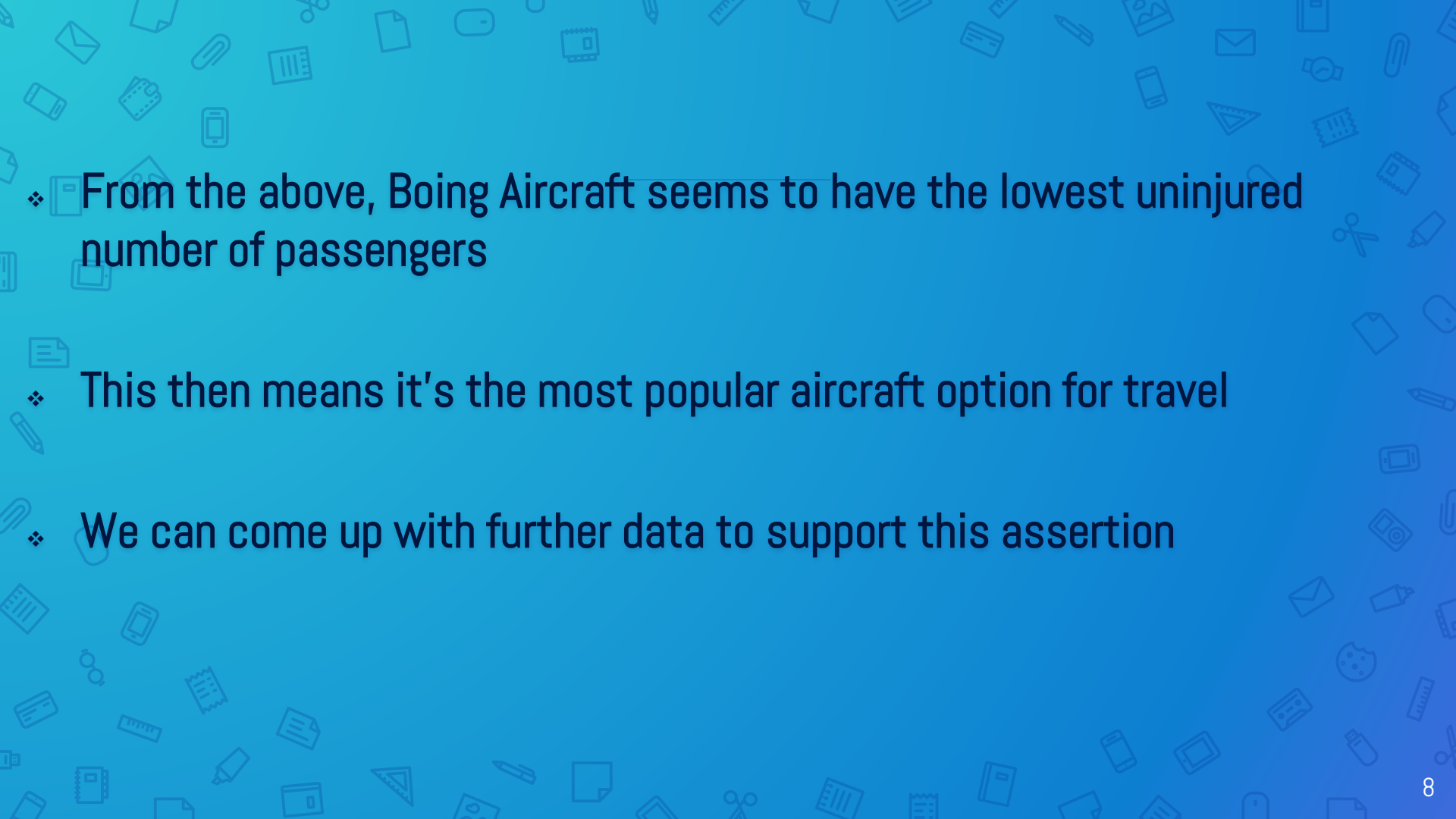
- ❖ The Data used points specifically to the potential risks associated with operating the aircrafts

Total fatal Injuries vs Aircrafts



- ❖ From the above, Boeing Aircraft seems to have the highest accident rates across the board





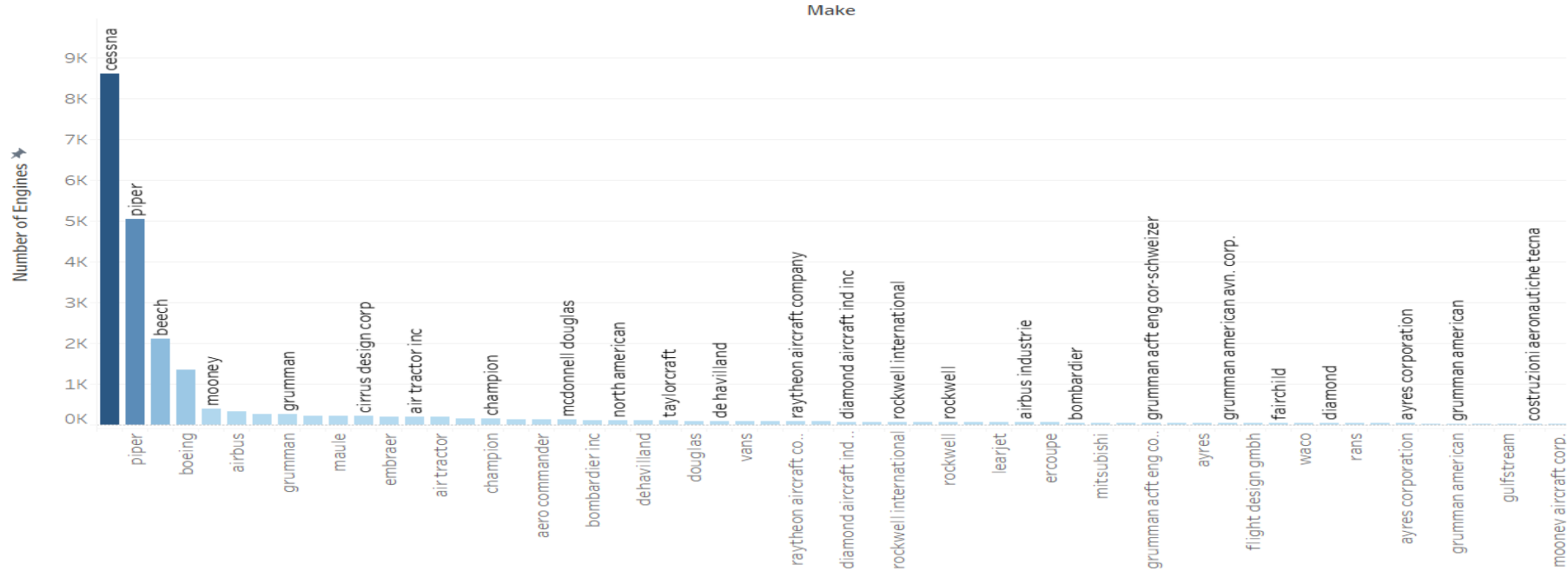
- ❖ From the above, Boeing Aircraft seems to have the lowest uninjured number of passengers

- ❖ This then means it's the most popular aircraft option for travel

- ❖ We can come up with further data to support this assertion

- ❖ From the above, Boeing Aircraft seems to have the lowest uninjured number of passengers

Number of engines Vs Make



The background of the slide is a solid blue color, overlaid with a pattern of small, white, semi-transparent icons. These icons include various office and business-related items such as paper planes, envelopes, paper clips, light bulbs, and documents, scattered across the entire surface.

❖ From the above, amongst the makes that have the highest passenger rates, Boeing seems to have a smaller number of engines

❖ This shows that its maintenance cost will be relatively lower than other aircrafts on its level

Conclusion

- ❖ I would recommend the Boeing Aircraft option for both commercial and private enterprises