

Determining the Lowest Risk Aircraft for New Business Endeavor

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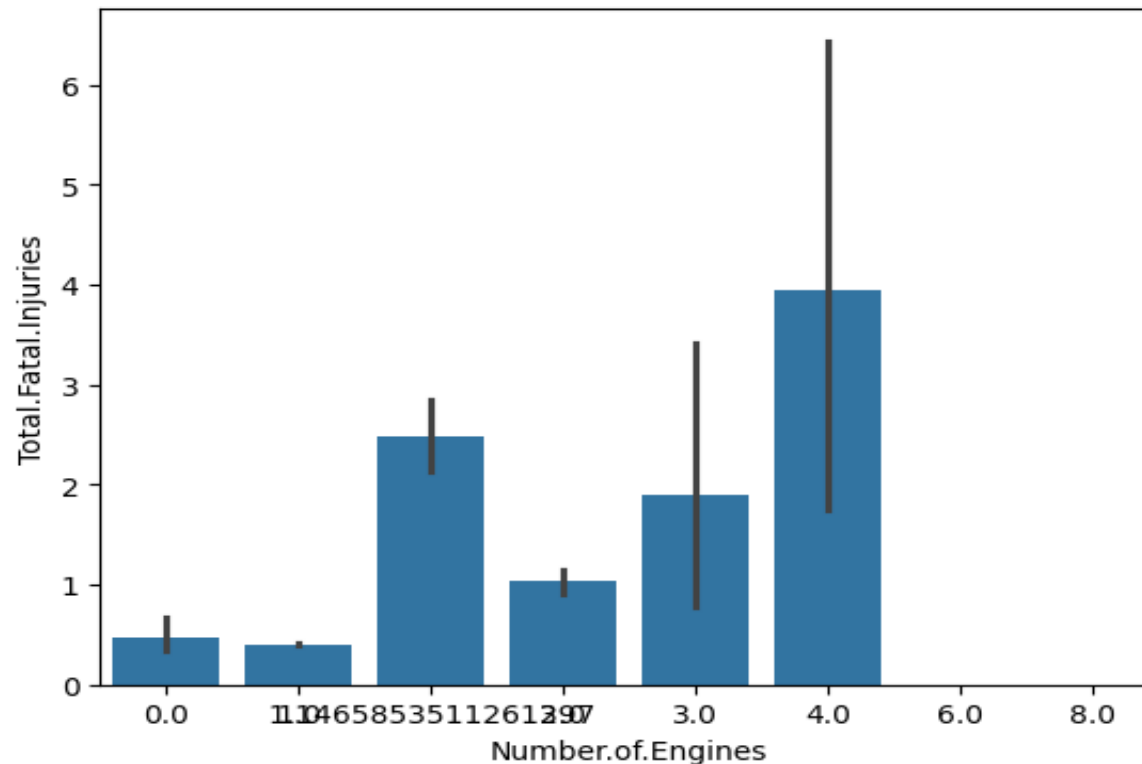
24/11/2024

objectives

The main objective is to determine the most suitable aircraft for a new business by analyzing risk-related factors. Some of the factors considered are comparing weather conditions and number of fatal injuries, comparing engine and total fatal injuries, comparing make of the aircraft vs total fatal injuries and comparing number of engine and total fatal injuries

1 number of engine and total fatal injuries

- The more the number of engines the more the number of fatal injuries but the lesser the number of engines the less the number of fatal injuries, hence the company should consider aircraft with less engines



2 weather conditions and number of fatal injuries

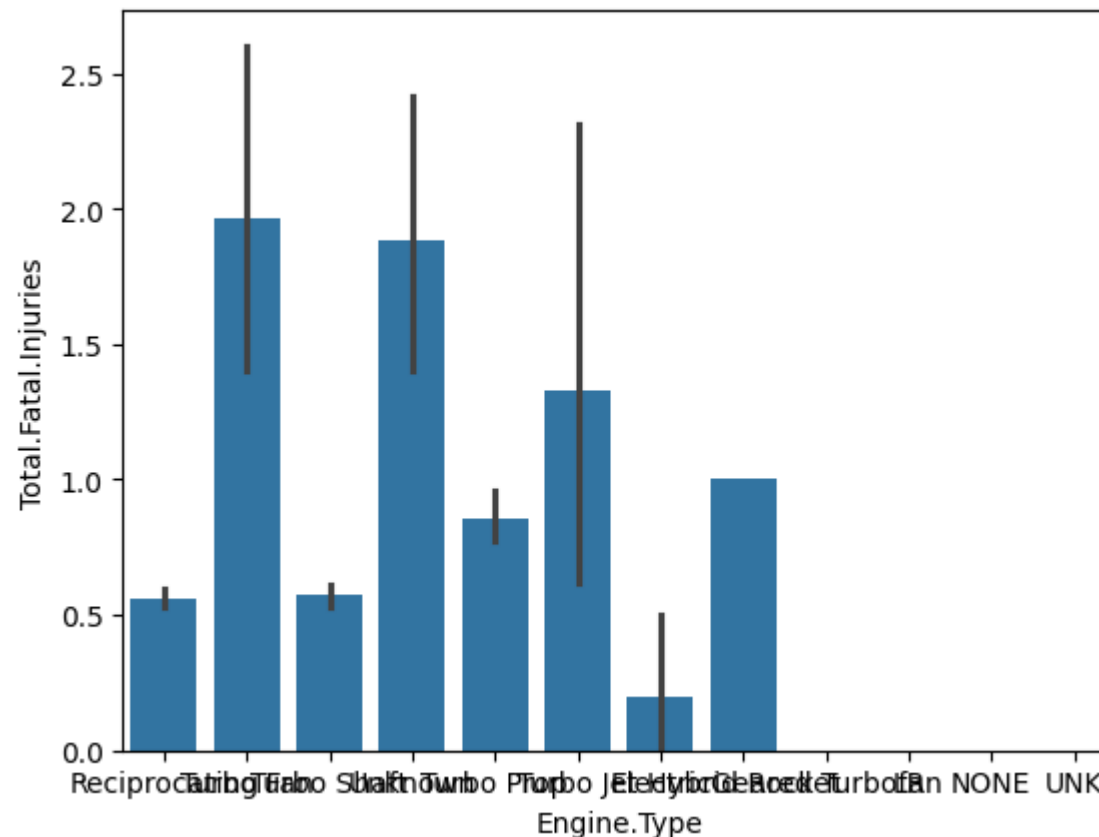
- When the weather condition is VMC there are many total fatal injuries and the total fatal injuries are few when the weather condition is Unk.
- This shows that the company should consider to fly their aircraft when the weather condition is Unk and avoid when it is VMC

3 comparing engine type and total fatal injuries

- When an electric engine is used the number of fatal injuries is low but when turbo fan engine is used the number of fatal injuries is high
- This shows that the company should consider using an electric engine and avoid turbo fan engine

4 make of the aircraft vs total fatal injuries

- The company should avoid the make boeing since it causes a lot of fatal



Recommendation

- 1 based on number of engine and total fatal injuries the company should consider aircraft with less engines
- Based on weather conditions and number of fatal injuries the company should consider to fly their aircraft when the weather condition is Unk and avoid when it is VMC
- Based on comparing engine type and total fatal injuries the company should consider using an electric engine and avoid turbo fan engine
- Based on make of the aircraft vs total fatal injuries The company should avoid the make boeing since it causes a lot of fatal

Questions

- Feel free to ask questions or provide feedback