



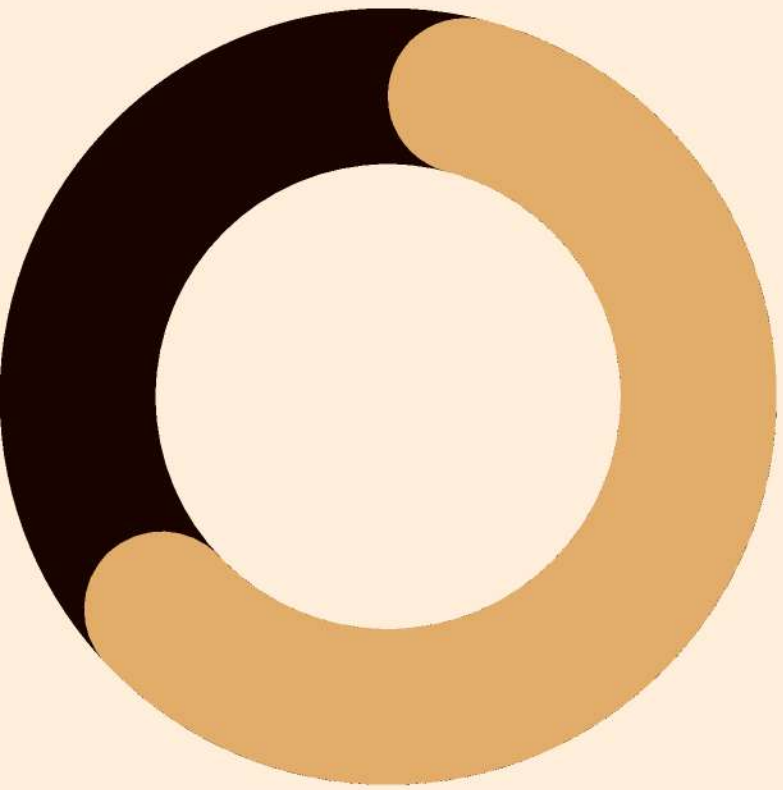
**THE SKY IS THE LIMIT**



## INTRODUCTION



**AVIATION PLAYS A CRITICAL ROLE IN THE TRANSPORT INDUSTRY. DUE TO IT'S GROWTH , CHALLANGES THAT ARE MOSTLY UNPREDICTABLE. SUCH FACTORS MAKE IT A KEY ROLE IN DETERMINING AIRCRAFT OPERATIONS**

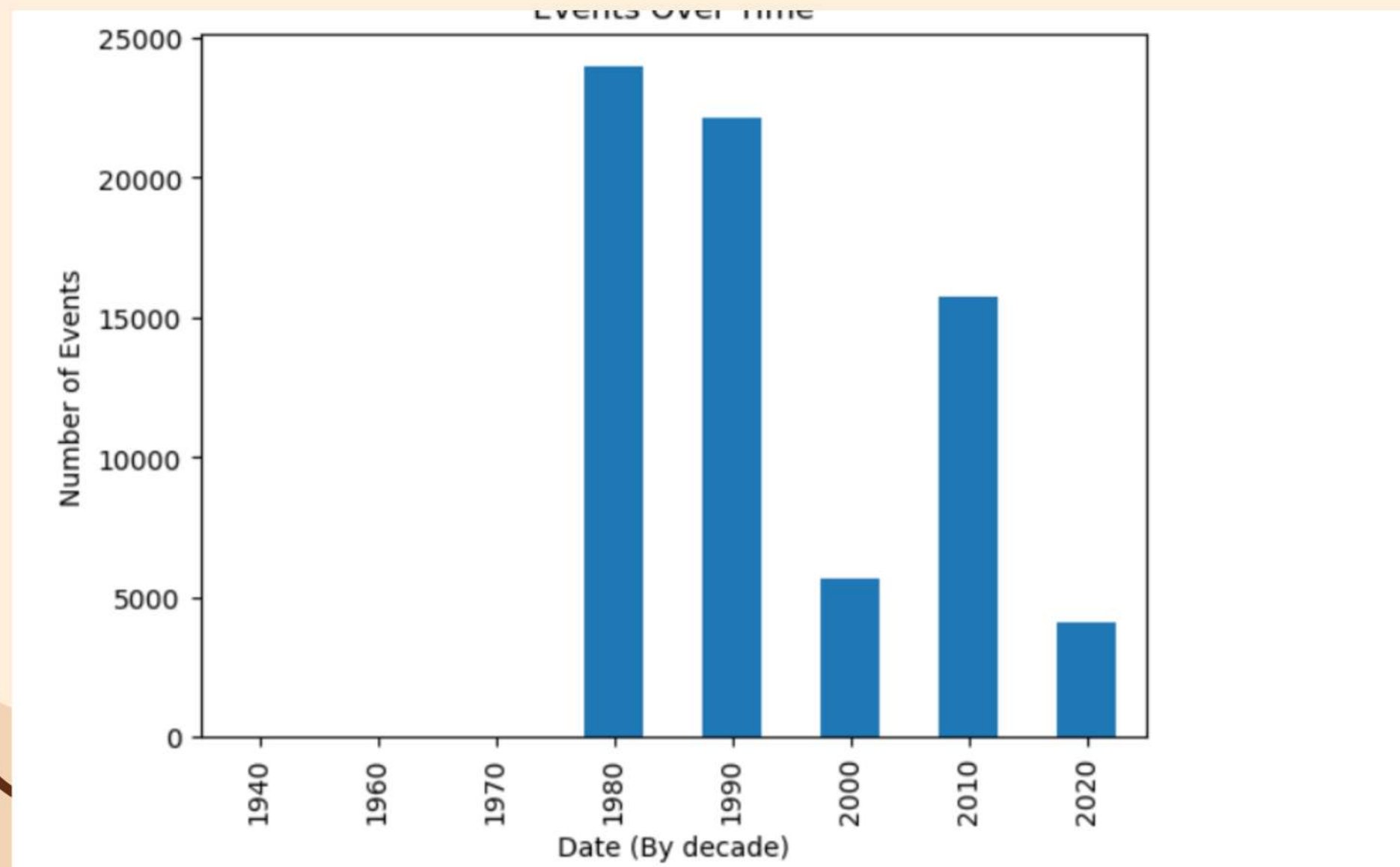


# ANALYSIS

**AS YEARS PROGRESS AIR TRANSPORT BECOMES MORE POPULAR  
THUS LEADING TO INCREASE IN AIRCRAFT ACCIDENTS**

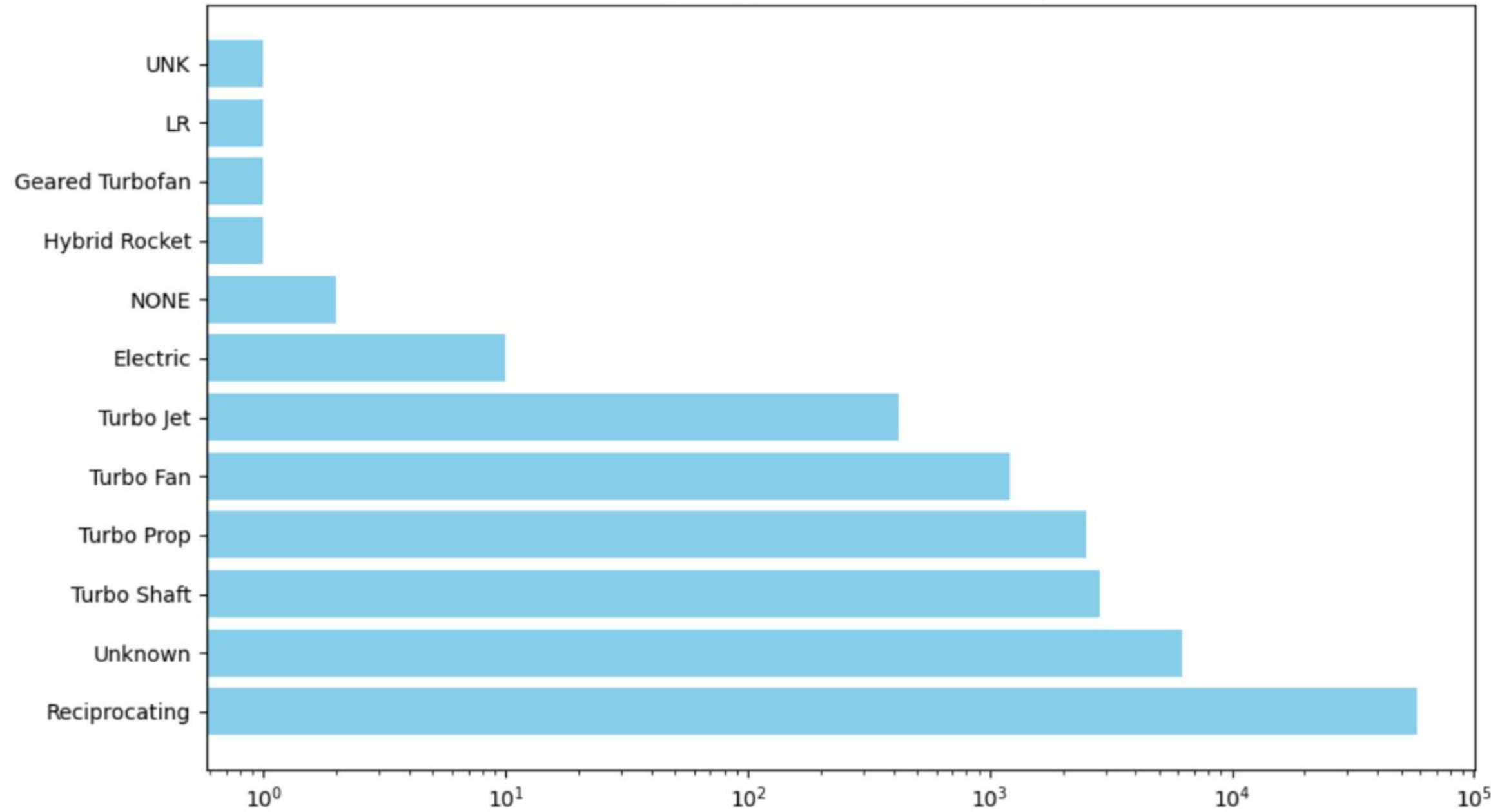


# ACCIDENT PATTERNS



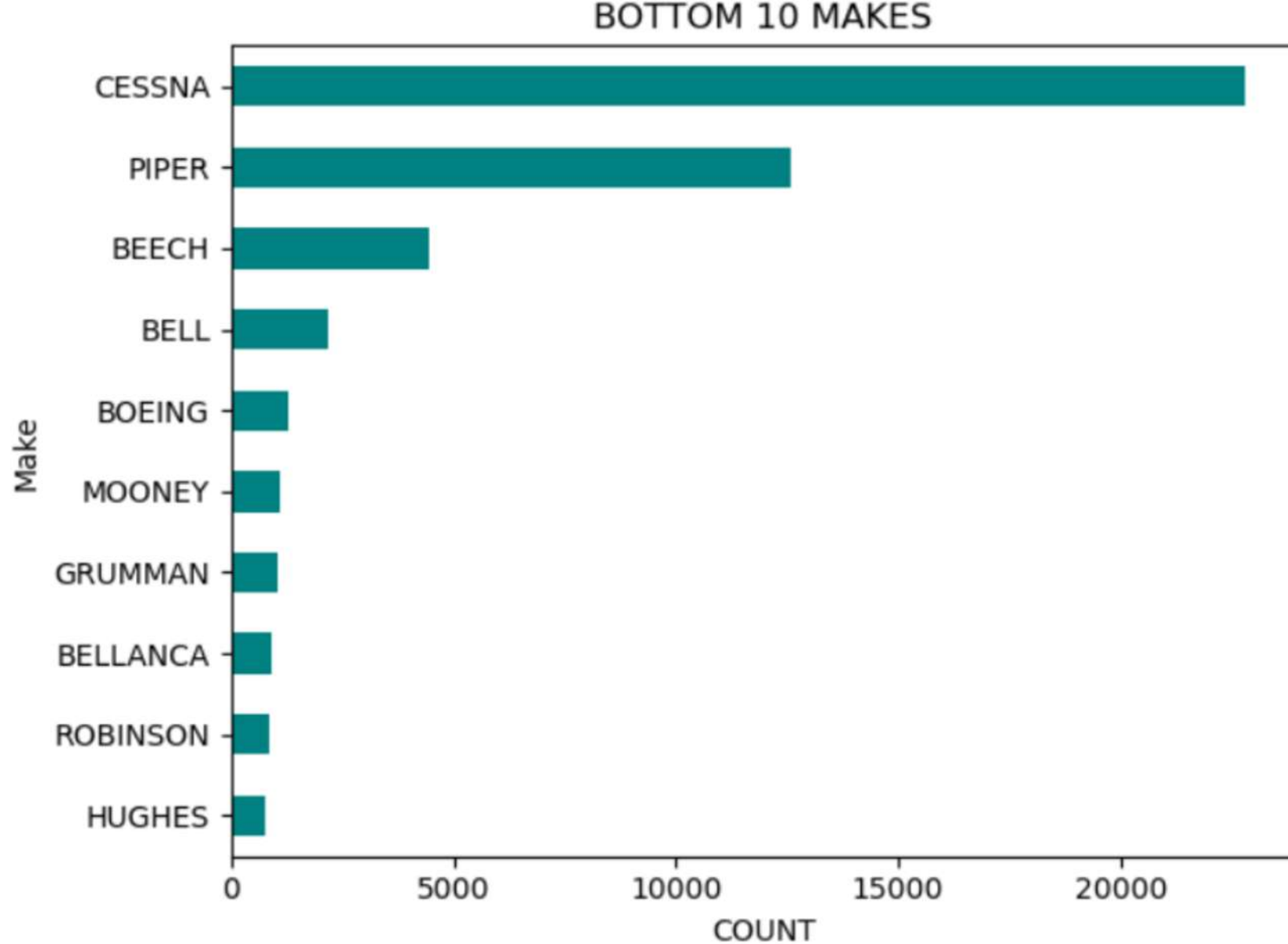
- In the first years there were no accidents due to air transport not being popular
- There was an increase in popularity from 1980-1990 but also an increase in the number of accidents recorded
- There was a decrease in the number of accidents during the 21st century

Engine types accident frequency



- Engine type plays a role
- we see that there are other better engines than others
- The LR engine type is the most reliable while the engine with the most accidents is the reciprocating engine





# ACCIDENT PRONE. AIRCRAFTS

We can clearly observe that cessna is the aircraft prone to accidents followed by piper

# RECCOMENDTIONS

- I would recommend Beech because they are less accident prone and has lesser damage it would be the most profitable to purchase
- I would also recommend aircrafts with two engines or more since they are safer

