



AIRPLANE RISK PROJECT

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ABOUT ME



My name is David Chege. I am a Data Scientist in training. I'm also a accountant specializing in audit.



I hope to reach a level where my analytical skills and insights will be useful to a business and will impact their performance positively.





CONTENT

01

Introduction

02

About Me

03

Content

04

Business
Understanding

05

Problem
Statement

06

Data analysis

07

Data analysis
Recommendation

BUSINESS UNDERSTANDING



The company is expanding into new business industries to diversify its portfolio. They are interested in purchasing and operating airplanes for commercial and private enterprises, but do not know anything about the potential risks of aircraft.



PROBLEM STATEMENT

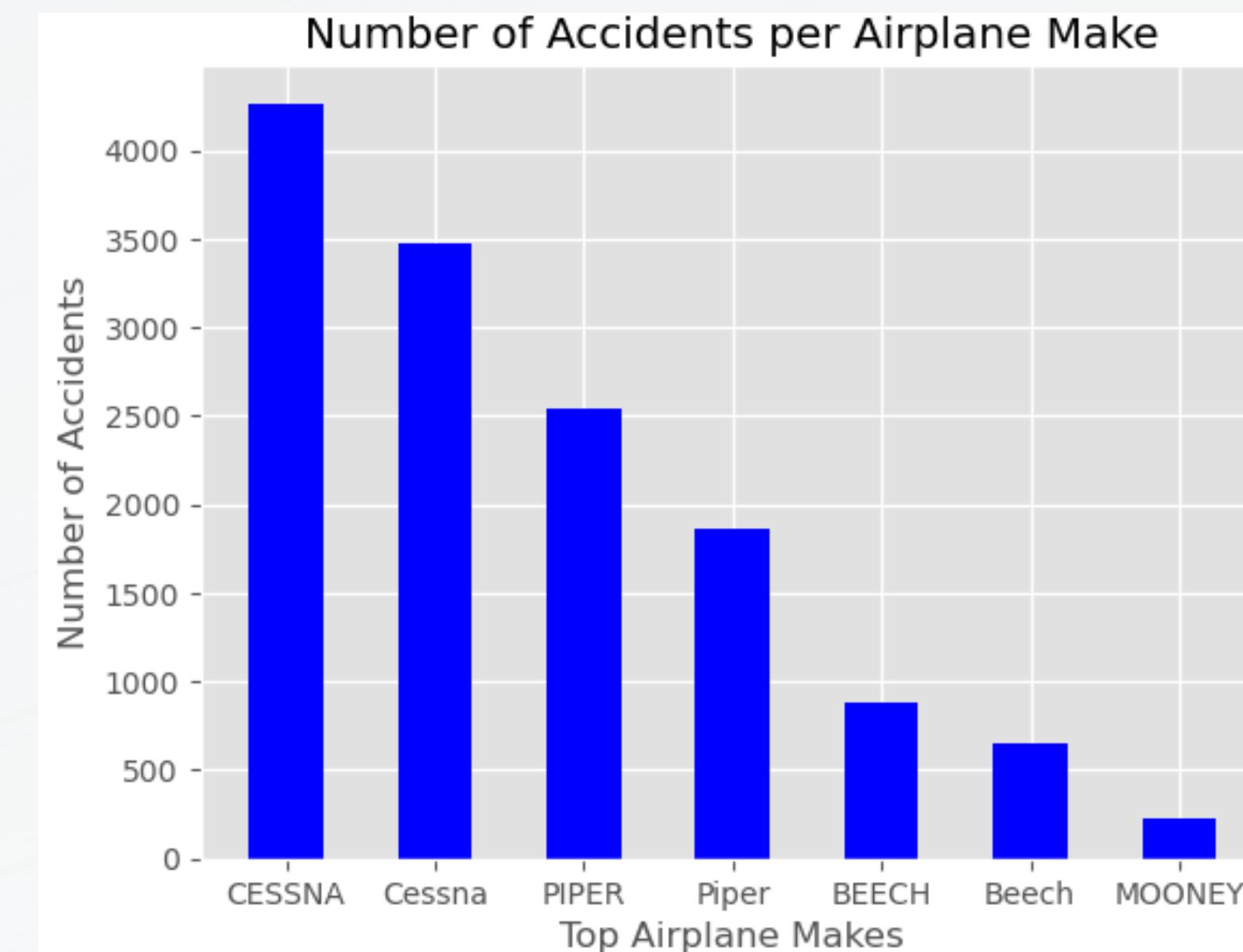


They require information to assist them in determining which Airplanes are the lowest risk for the company to start this new business endeavor.



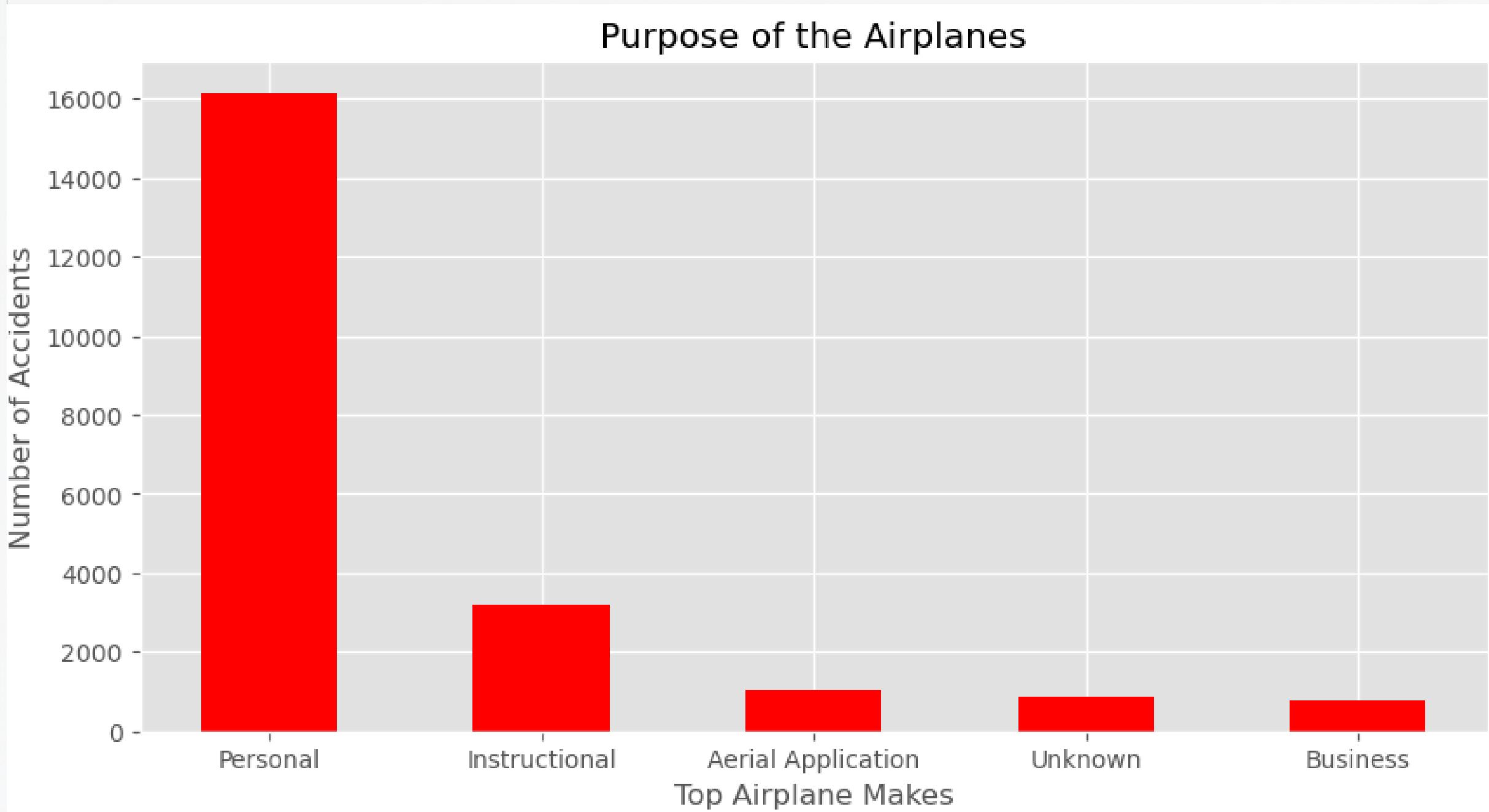
DATA ANALYSIS

In the analysis I deducted, Cessna has had the most number of accidents while Mooney has had the least.



DATA ANALYSIS

From the analysis we can conclude that most of the flights that most of the accidents occurred while on the airplanes were being used for personal activities.



RECOMMENDATION



The business is to prioritize in purchasing the Mooney made airplanes. This is because they have a lower risk of being involved in an accidents as compared to the other models.

Airplanes bought should to prioritized for business purposes, meaning stricter use and higher supervision.

