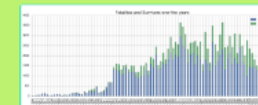


## Visualization Competition Round 2 Submission-Vasavi\_Fireflies

# Analysis on Airplane Crashes and Fatalities



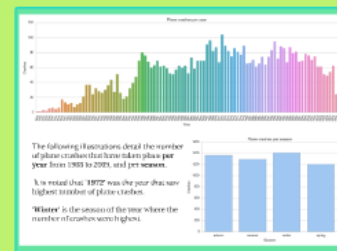
From 1980 to 2015, here is the distribution of the percentage rate of fatalities to survivors.

The number of survivors are quite low compared to the number of fatalities. This depicts that there is a **poor chance of surviving an airplane crash.**



Here is the graph of the **models** of the planes that crashed.

It's observed that 'Douglas' is the aircraft model which crashed the most.



The following illustrations detail the number of plane crashes that have taken place per year from 1980 to 2015, and per season.

A note stated that, 1972 was the year that saw highest number of plane crashes.

'Winter' is the season of the year where the number of crashes were highest.

Team: Vasavi\_Fireflies

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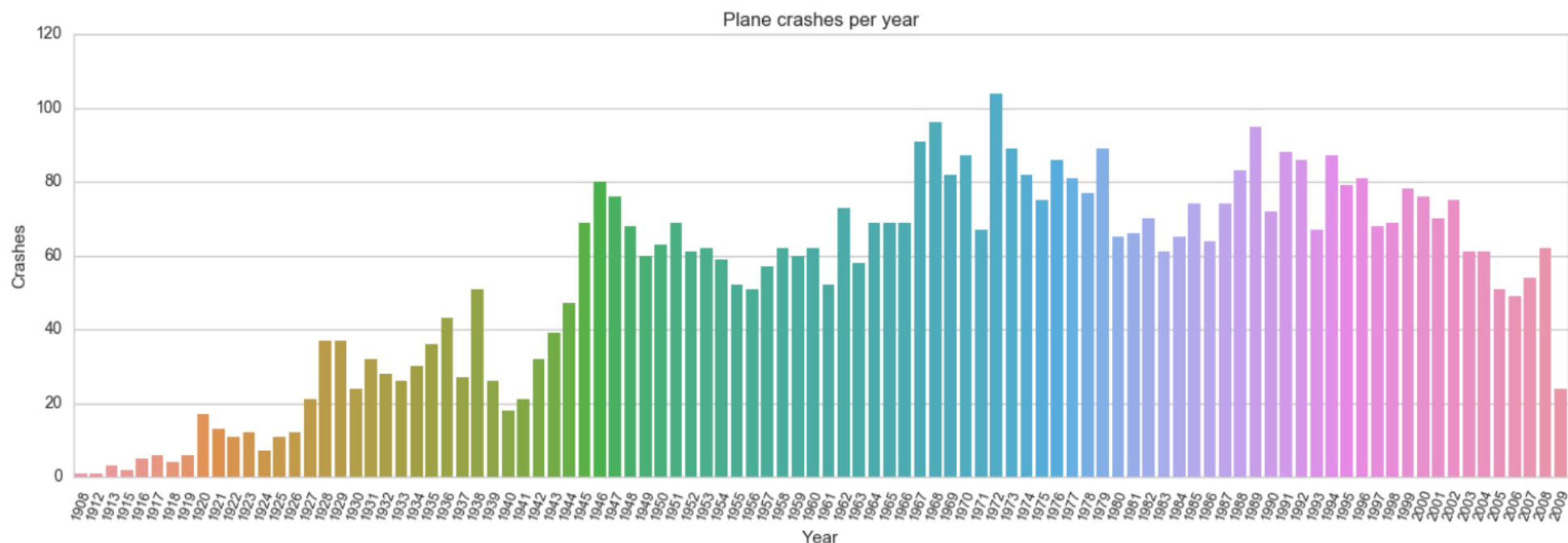
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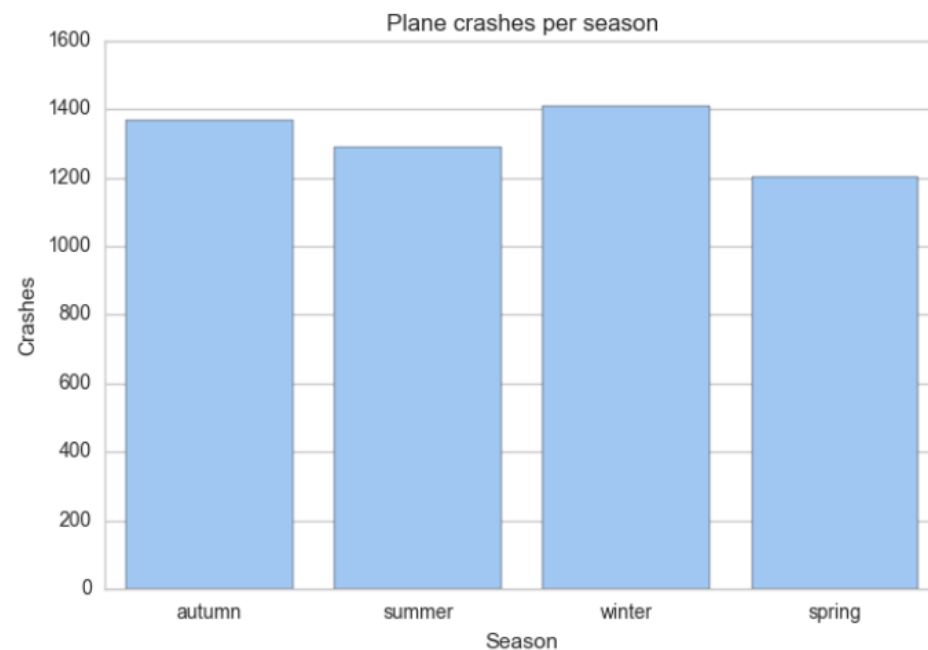
M. Veeramani  
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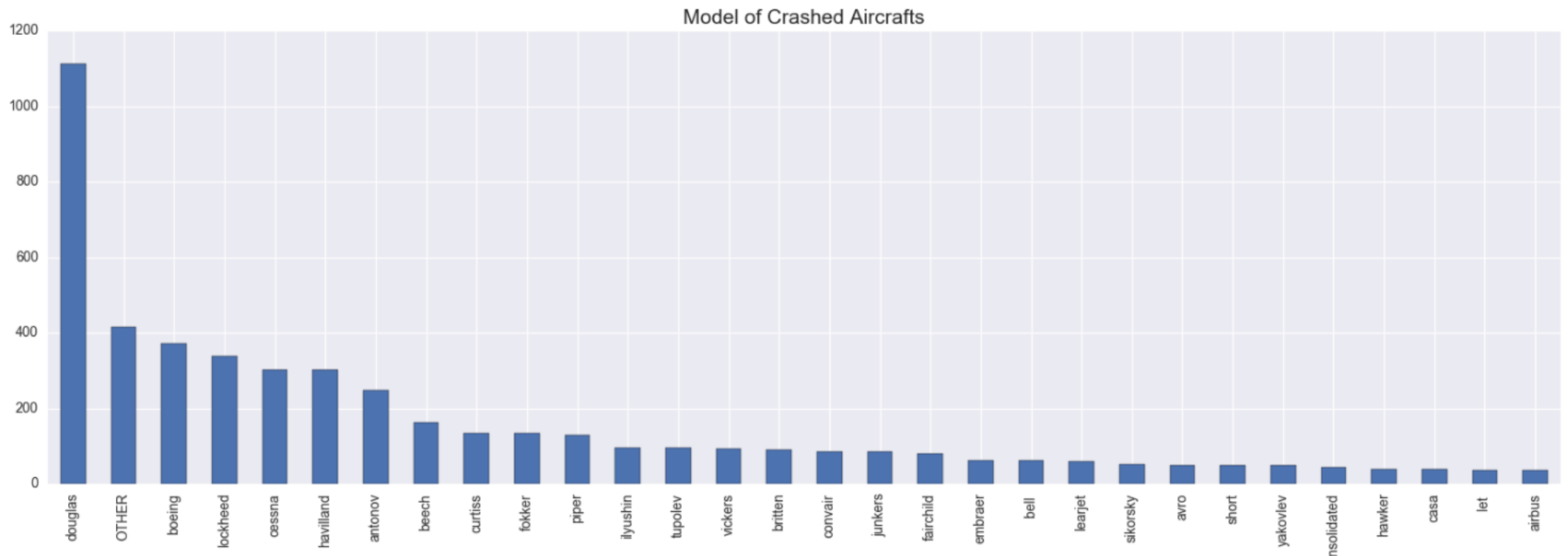


The following illustrations detail the number of plane crashes that have taken place **per year** from 1908 to 2009, and **per season**.

It is noted that '**1972**' was the year that saw highest number of plane crashes.

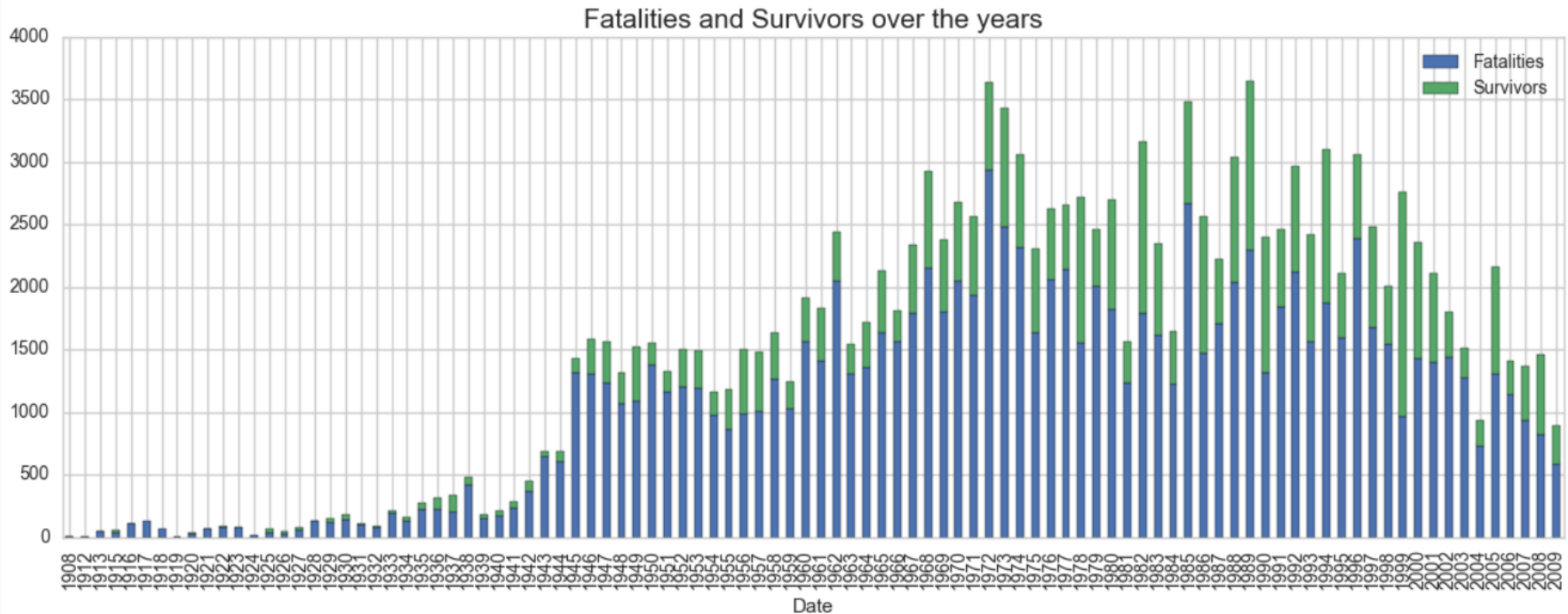
'**Winter**' is the season of the year where the number of crashes were highest.





Here is the graph of the **models** of the planes that crashed

Its observed that '**Douglas**' is the aircraft model which crashed the most



From 1908 to 2009, here is the illustration of the yearwise **ratio** of **Fatalities to Survivors**

The number of survivors are quite less compared to the number of fatalities. This depicts that there is a ***poor chance of surviving*** an airplane crash.

# CRASH CAUSES



WEATHER  
1368



TAKE-OFF  
1003



MECHANICAL-FAIL  
959



LANDING  
731



HUMAN ERROR  
632



LOST CONTROL  
218



SHOT DOWN  
187



NAVIGATION ERROR  
184

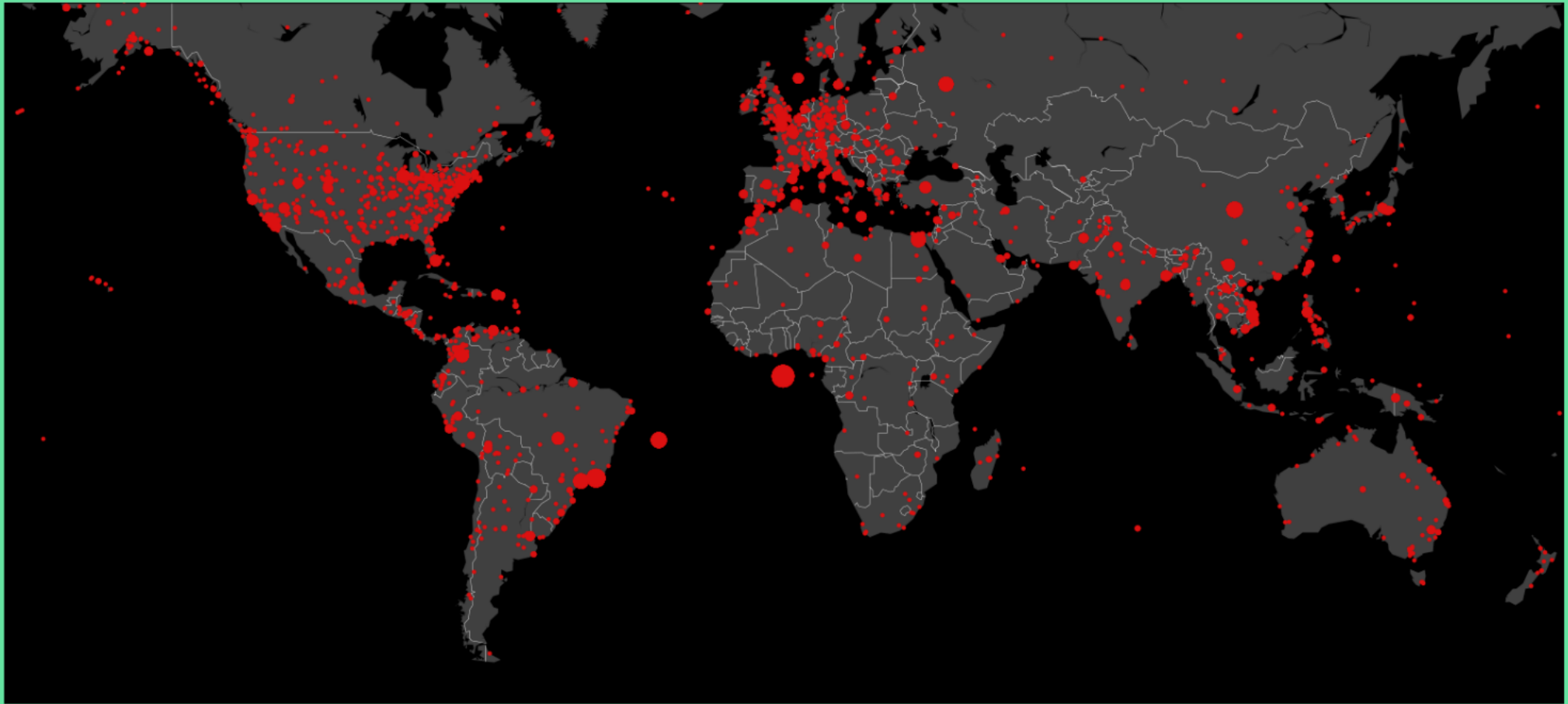


AIR COLLISION  
130



TERRORIST  
ATTACK  
66

## APPROXIMATE LOCATIONS OF PLANE CRASHES



World Map unveiling all the locations where the airplane crashes have taken place.

Notably international hubs **New York, Chicago, London, Paris** have the most crashes

ferrying Le military pilot Airbus aircraft returning crashed transport fatal helicopter cargo structural Bourget mile first approach flight near Runway French British charter anti missing fire 39th Bologna leased Struck field en midair chartered air Canada flame shor Caught wen attempting tree poor

sea carrying Guardia radar flew Crimon Exploded taxi hill workers

Shot plane