Identify different aviation risk factors to avoid air crash and casualties

Problem

Every year more and more people use air transport services, the number of aircraft and the number of aviation personnel is increasing. As a result, the number of aircraft crashes is also increasing.

GOAL

1. Make a prediction that can prevent plane crashes

2. Apply analysis for current aircraft in Kazakhstan

ВЕРНУТЬСЯ К ПОВЕСТКЕ ДНЯ

Hypothesis

1. Airline and aircraft model affect the number of victims of an accident.

2. The number of victims and region of crush also depends on factors such as: weather conditions, technical failures and human factors.

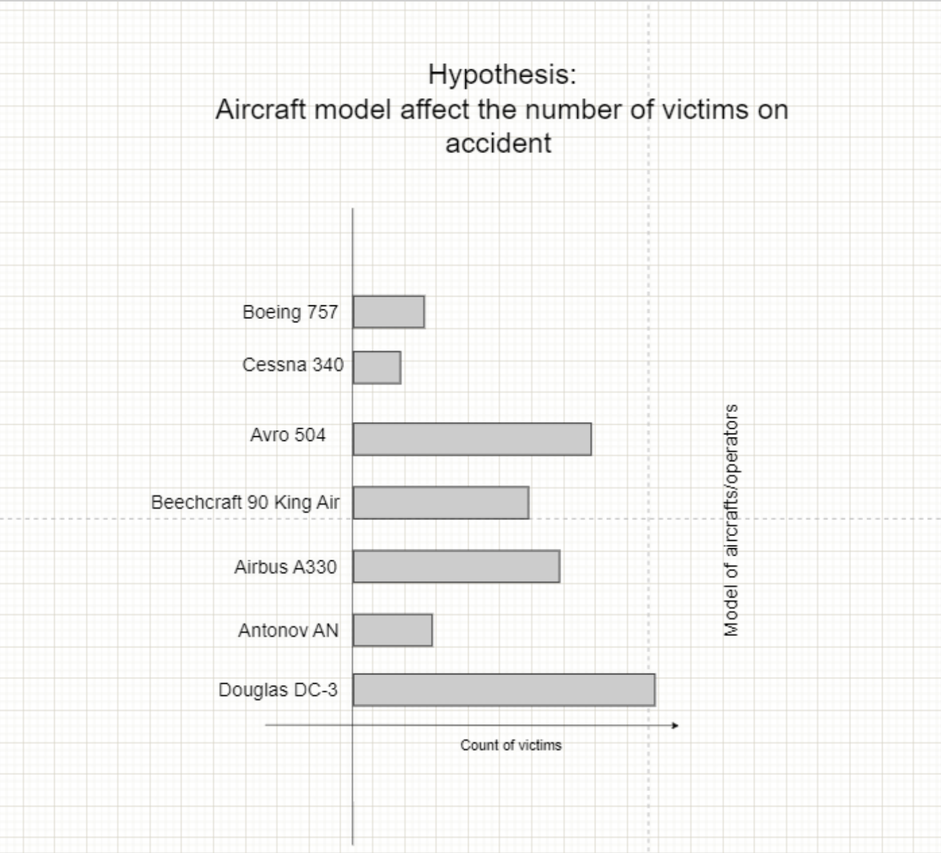
Sources of date

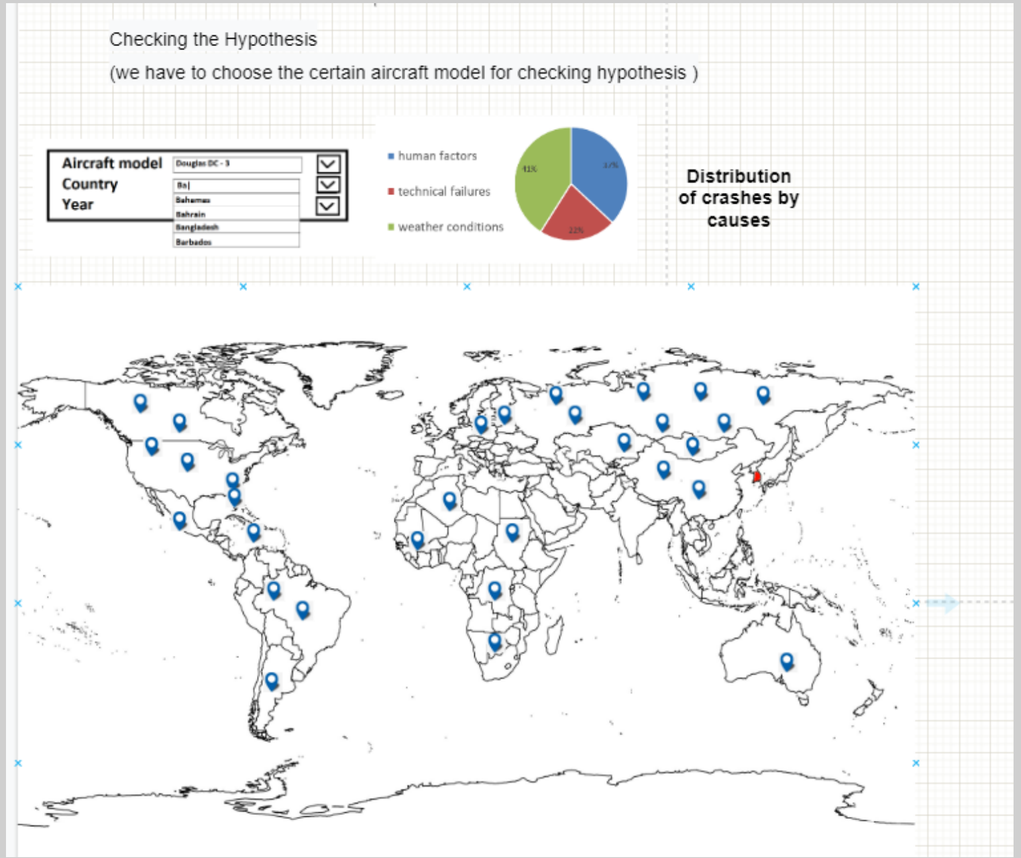
01 www.kaggle.com

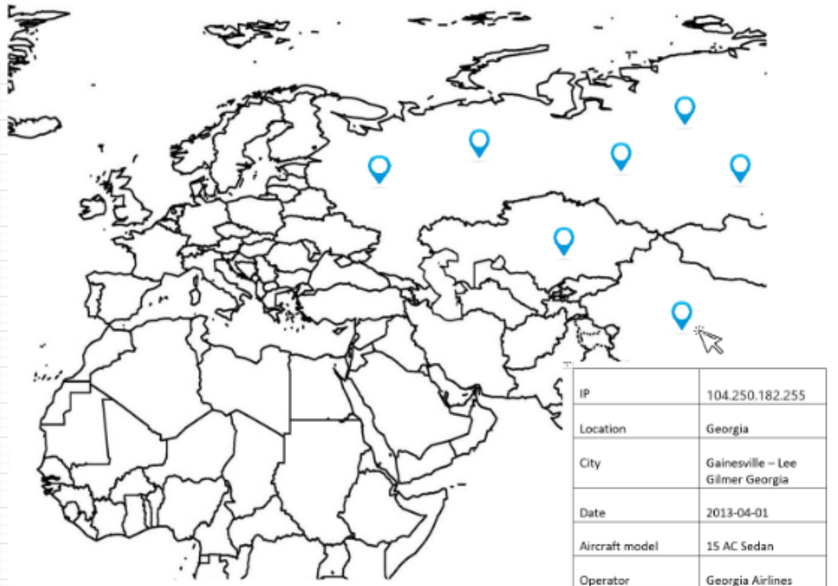
02 /www.planespotters.net/

03 aircraftbluebook.com

The project mockup







IP	104.250.182.255
Location	Georgia
City	Gainesville – Lee Gilmer Georgia
Date	2013-04-01
Aircraft model	15 AC Sedan
Operator	Georgia Airlines
Engine type	Piston
Fuel gal/lbs	36
Max speed Knots	104

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5 Other

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The list crashes which occured in the same country and year

No.	Exact Location	Operator	Type/Model	Aboard	Fatalities	Reason
1	Gainesville-Lee Gilmer Georgia	Georgia Airlines	Douglas DC -3	10	2	Weather condition
2	Dobbins AFB Georgia	Classic Wings	Douglas DC -3	20	5	Weather condition
3	Statesboro-Bulloch Country Georgia	Flight Management	Douglas DC -3	7	2	Technical failure
4	Augusta-Bush Field Georgia	Georgia Airlines	Douglas DC -3	13	5	Technical failure