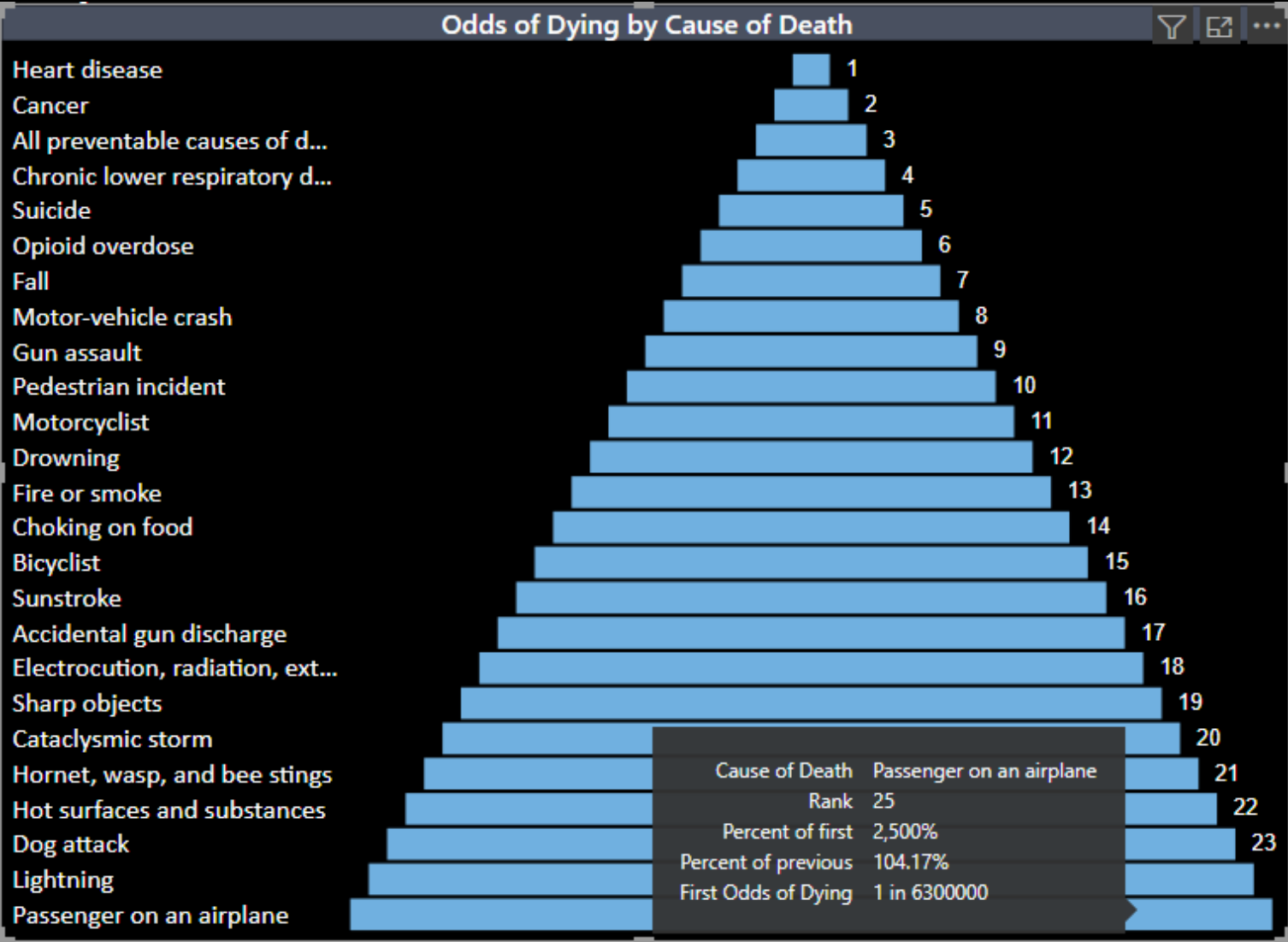
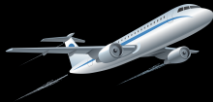


A large commercial airplane is shown from a low angle, flying directly towards the viewer over a runway. The runway has white dashed lines and arrows pointing forward. The sky is filled with dramatic, colorful clouds in shades of orange, yellow, and blue, suggesting a sunset or sunrise. The airplane's landing gear is visible, and its wings are spread wide.

AIR Travel Safety: Executive Summary

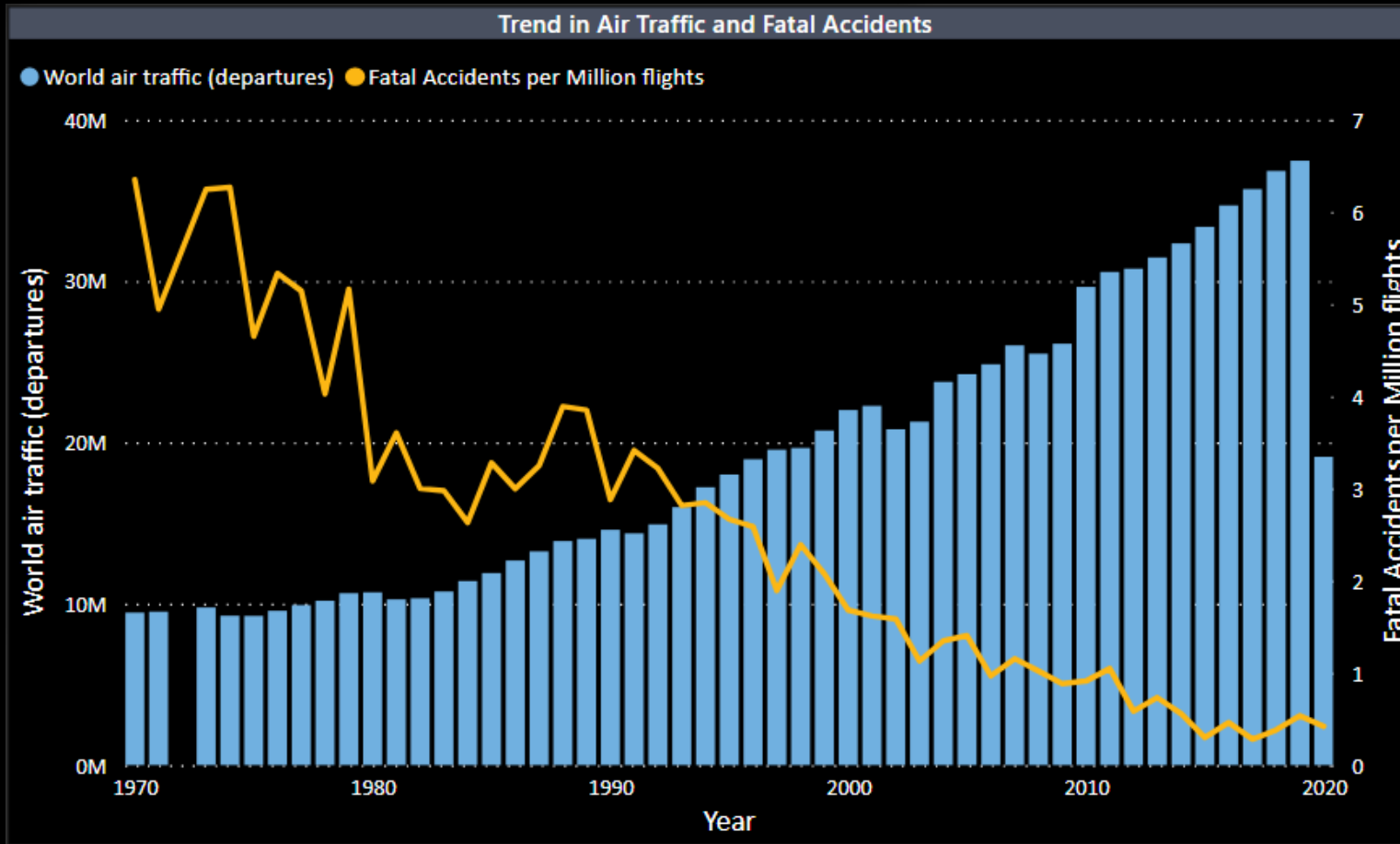
Rajdeep Biswas
July 4th, 2021

Odds of Dying by Cause of Death



There are many more probable ways to die than on a commercial jet. The Funnel chart shows the chance of fatalities on a commercial flight compared to other causes of death in the United States. Notice that someone is more likely to die from a bee sting than from a commercial flight.

Trend in Air Traffic and Fatal Accidents



Between 1970 and 2019, international air traffic increased by 313%. But despite this increase, number of fatal accidents per million flights has come down significantly. This indicates that we are today flying in much safer skies than any other time in aviation history.

Top 3 Fatalities by Airline



Top 3 Fatalities by Airline

China Airlines

760

Malaysia Airlines

571

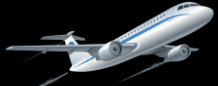
Japan Airlines

520

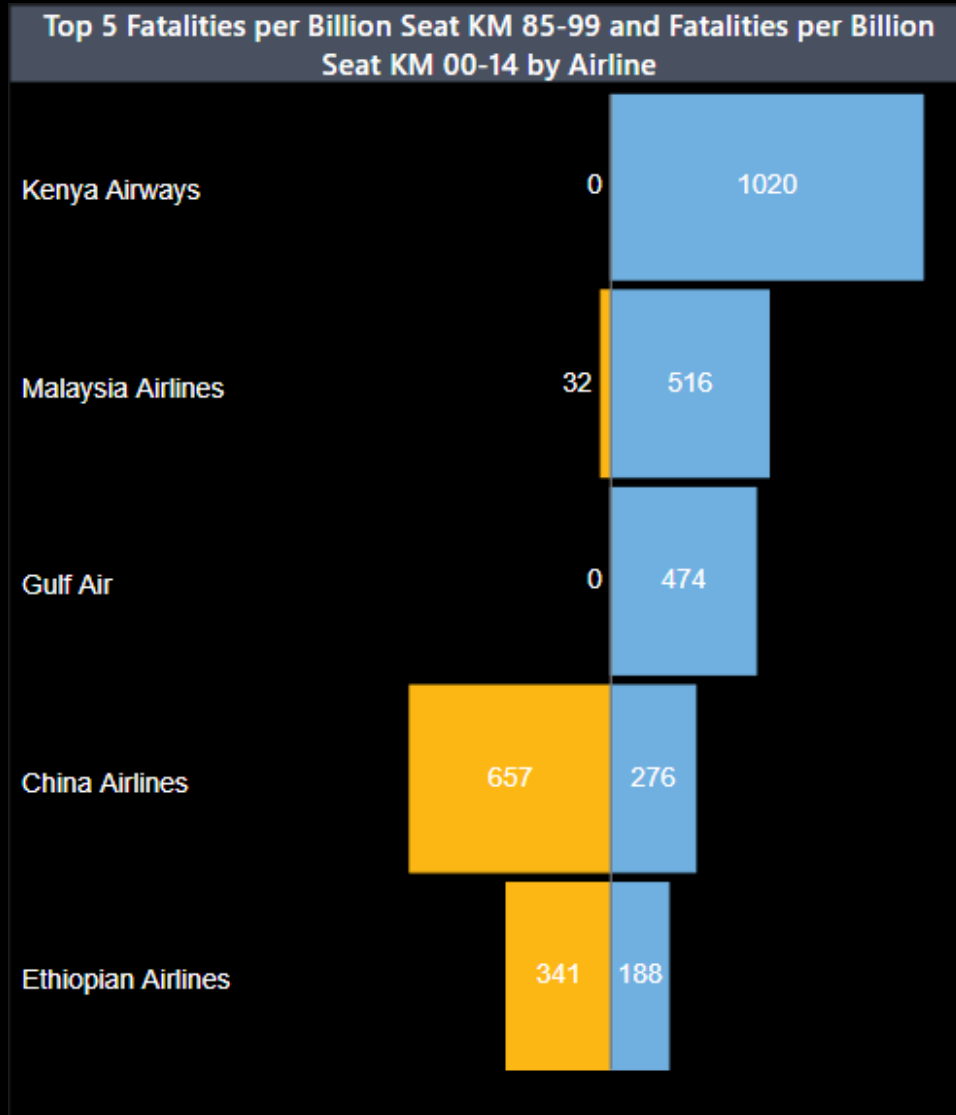
9404

Total Fatalities

Interestingly the fatalities are concentrated among few airlines. This indicates few badly operated airlines can potentially harm the reputation of the entire industry. More on this next slide as well.

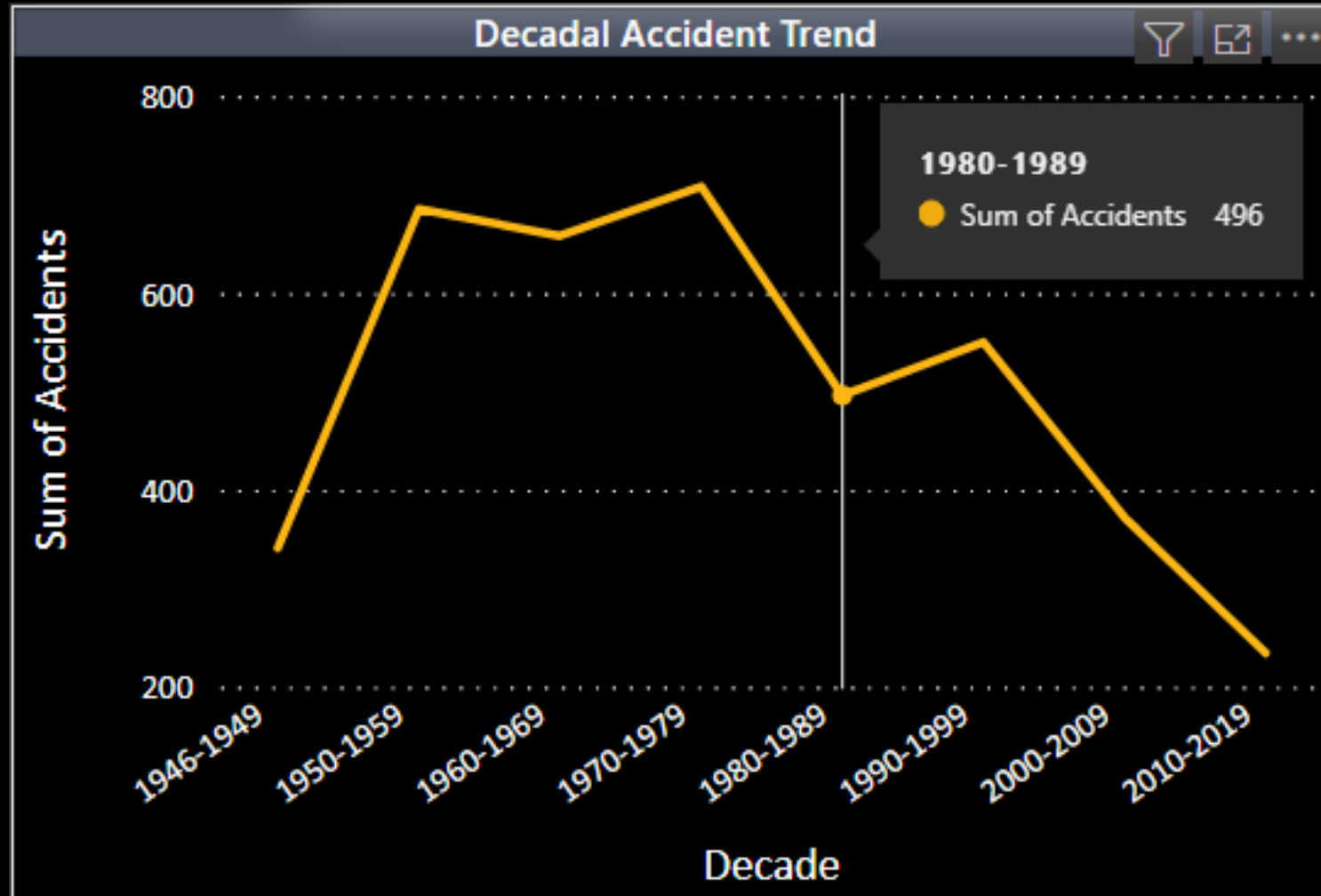


Top 5 Fatalities per Billion Seat KM 85-99 and Fatalities per Billion Seat KM 00-14 by Airline



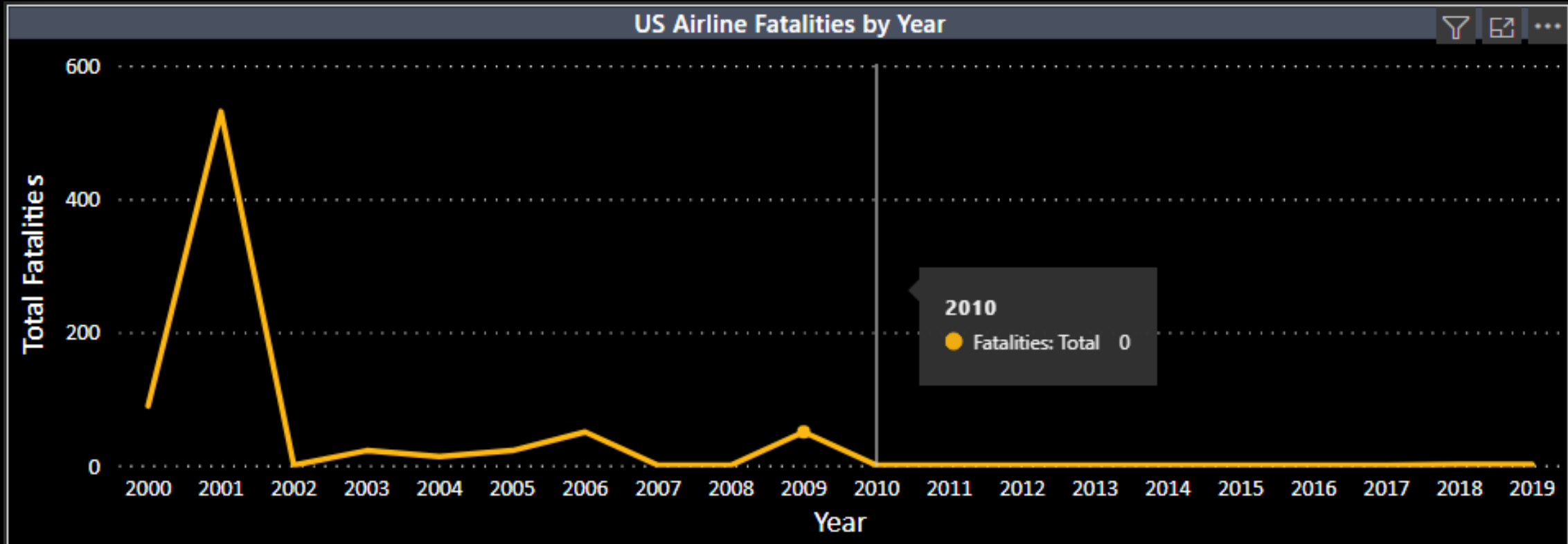
Tornado Chart to compare incident per billion seat KM 1985-1999 with 2000-2014 by airline. We understand that safety procedures and equipment have advanced over the decades and hence the safety incidents should naturally drop over time. But some airlines are just not up to the mark following the safety standards as the chart shows.

Decadal Accident Trend



Between 1946 and 2019, we see a sharp drop in number of overall accidents (fatal or not). This simple but raw statistics shows us that indeed air travel has become much safer over time.

US Airline Fatalities by Year



Numbers do not lie. And from 2010 US Commercial Airlines have reported ZERO fatalities. That number does speak volumes about how safe travelling via air is!!!

Dankie Faleminderit **Shukran** Chnorakaloutioun Hvala Blagodaria

Děkuji **Tak** Dank u Tānan Kiitos **Merci** Danke Ευχαριστώ A dank

Mahalo ἡτίη. **Dhanyavād** Köszönöm Takk Terima kasih **Grazie** Grazzi

ধন্যবাদ

Thank you!

감사합니다 Paldies Choukrane Ačīū **Благодарам** ありがとうございます

谢谢 Баярлалаа **Dziękuję** Obrigado Mulțumesc **Спасибо** Ngiyabonga

Ďakujem Tack Nandri Kop khun **Teşekkür ederim** Дякую Хвала Diolch