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DSC 640 – Dashboard Summary

Airline Fatality Summary

There are many risks associated with flying. Although the airline industry has numerous practices and standards in place to protect each flyer, there are still times where accidents may happen. Unfortunately, due to the nature of flying, any incident in the air runs a high risk of fatalities. In the dashboard, some of the data points were analyzed to find trends and patterns that may help identify problem areas and certain airlines to avoid. In the first tile, we see “Fatalities by location”. This tile shows the highest number of fatalities since 1995 in planes taking off near Charkindadri, India. The next highest location is in Taipei, Taiwan. This initial observation could indicate that many fatalities tend to happen from takeoff’s happening on the Asia continent. This could be for many different reasons or simply because more passengers take off in these areas versus anywhere else. The next tile is fatalities by airline. As we can clearly see, China Airlines has the largest number of fatalities.

The next indicator for fatalities on the dashboard is time of day. Since 1995, most fatalities happen from flights that take off at 2p and 3p respectively. Again, there could be more to this or it could be that most people tend to fly at this time. More analysis may be needed to drill down on exact causes. As we can see by “Fatalities by Year”, deaths by year have steadily decreased over the last twenty years, perhaps indicating more safety measures have been put in place or accidents have been able to be avoided by better training of pilots. The last frame is the “Fatalities by Plane” showing the largest number of fatalities is in the Airbus A300. Again, this could indicate an issue with this type of plane or simply more people fly this plane than any other. The overall picture shows that even though deaths by airplanes are going down, there may still be some work to do in safety and rules regarding flying, especially when it comes regulations in different countries.