Project Analytics Ideas

1. Do on-time arrival percentages correlate to increased airline book value?
2. Do on-time arrival percentages correlate to increased stock price?
3. Is there a higher correlation between stock price when delays and/or cancellations affect “slot-controlled” airports for an airline vs. non-slot-controlled airports?
4. Is there a higher correlation between book value when delays and/or cancellations affect “slot-controlled” airports for an airline vs. non-slot-controlled airports?
5. Is there a correlation between employee job satisfaction and increase/decrease in airline book value and/or stock price?
6. Pre COVID (3/1/22) correlation of stock price and delays, cancelations, and combined.
7. Pre COVID (3/1/22) correlation of book value and delays, cancelations, and combined.
8. Post COVID (3/1/22) correlation of stock price and delays, cancelations, and combined.
9. Post COVID (3/1/22) correlation of book value and delays, cancelations, and combined.
10. Comparisons of 6 with 8, and 7 with 9.
11. Additional based on data

Reasons the airline industry is different:

* capital intensive
* customer service focused
* highly regulated
* requires skilled and incredibly deliberate pilots
* pilot or maintenance mistakes can cause large and sensational loss of lives)