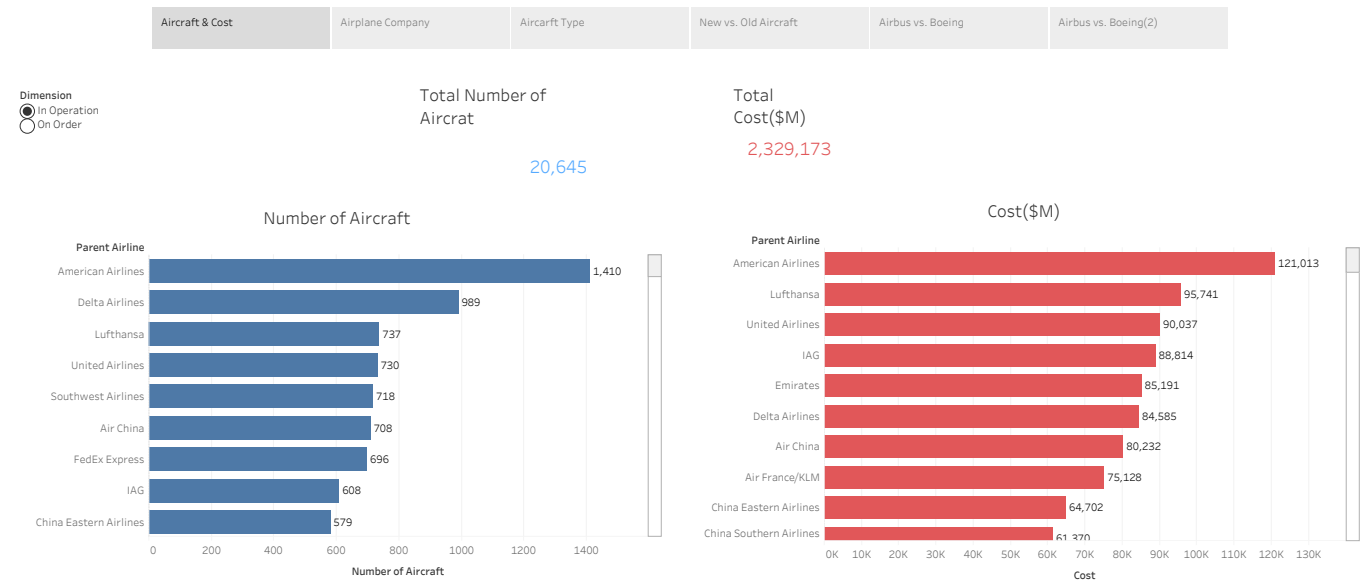


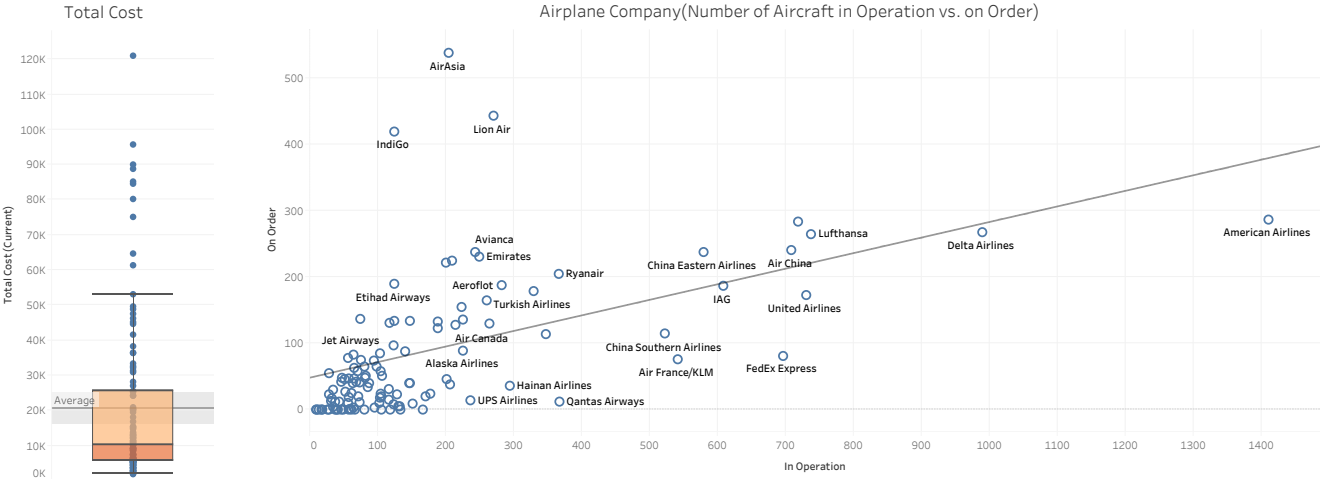
Fleet Management Analysis



- 1. Five out of the top ten airline companies are from the United States.
- 2. American Airlines has the most number of aircraft: 1,410, and cost the most: \$121,013
- 3. Air Malta has the least number of aircraft: 9
- 4. Air Asia, Lion Air and Indi Go are the top three airline companies have ordered the most aircraft.
- 5. Emirates has spent the most in ordering new aircraft.

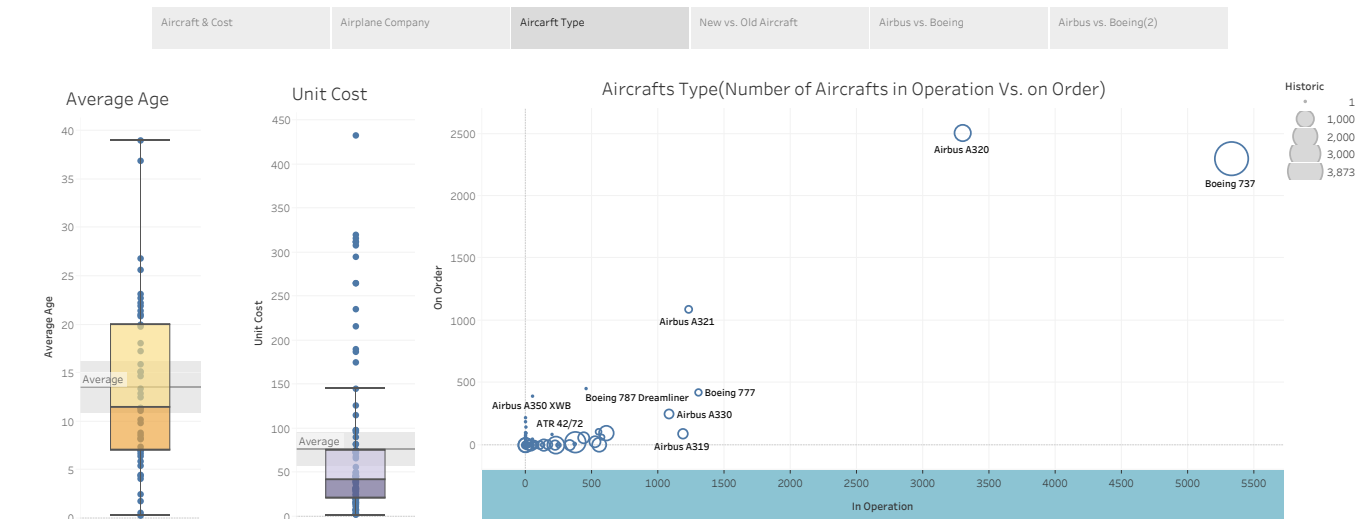
Fleet Management Analysis

Aircraft & Cost	Airplane Company	Aircraft Type	New vs. Old Aircraft	Airbus vs. Boeing	Airbus vs. Boeing(2)
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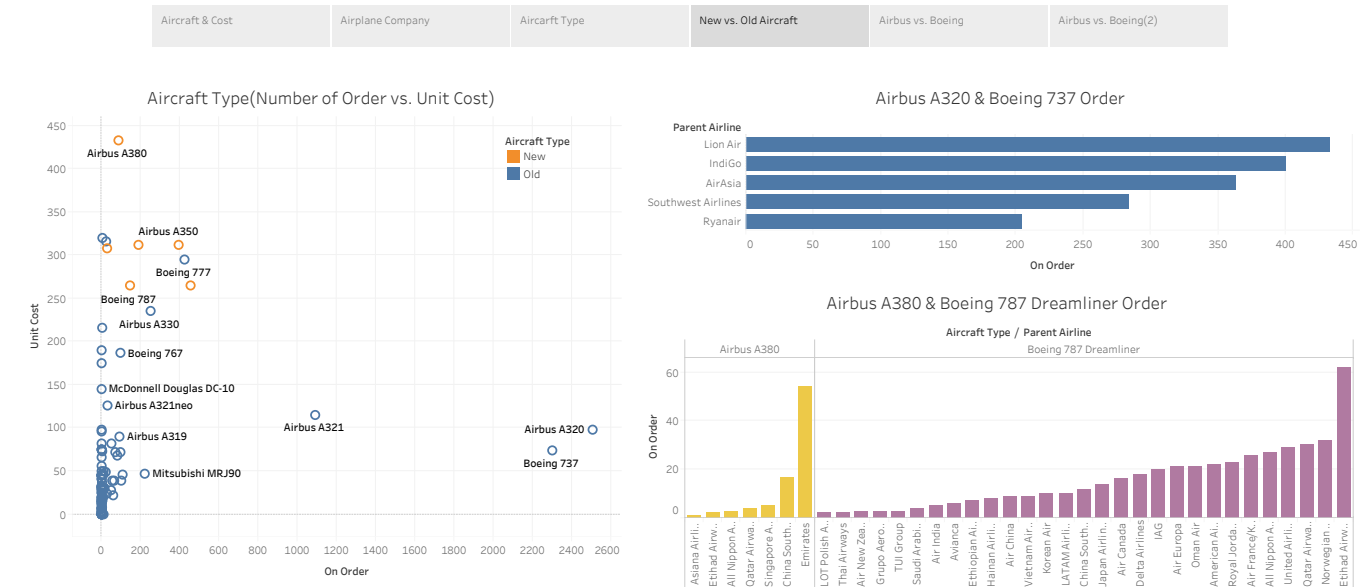
- 1. American Airlines’s aircraft cost six times more than an average airline company.
- 2. In general, the airline industry is performing well and growing healthily. There is a positive linear relationship between the number of aricrafts in operation and on order.
- 3. Air Aisa, Lion Air, and IndiGo are the outliers of the trend. They are the fastest growing companies.

Fleet Management Analysis



- 1. The average age of aircraft is 13.53 years, and the oldest age aircraft is McDonnell Douglas DC-10, 39 years.
- 2. The average cost of aircraft is \$ 75.6 million, and the most expensive aircraft is Airbus A380, \$ 433 million.
- 3. Boeing 737 and Airbus A320 are the most popular aircraft types both in operation and on order.
- 4. Airbus A321, Airbus A350 XWB, and Boeing 787 are the popular aircraft types on order.
- 5. Boeing 777, Airbus A330, and Airbus A319 are the popular aircraft types in operation.

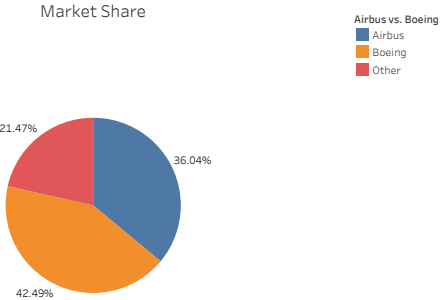
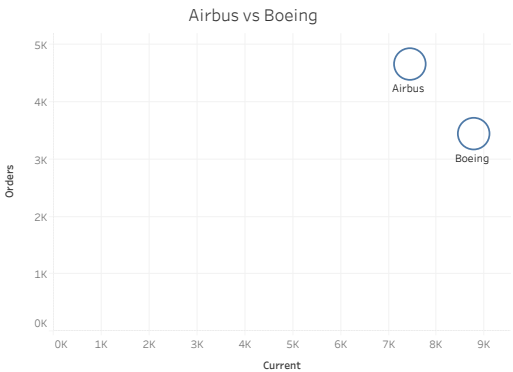
Fleet Management Analysis



1. Airbus A380, Airbus A350, Airbus A350 XWB, Airbus A350-900, Boeing 787, and Boeing 787 Dreamliner are the aircraft released after 2000.
2. All of the 2000s released aircrafts sell relatively poorly, samller airplane companies tend to buy cheaper and older aircraft.
3. The newest Airbus A380 sells prooly.Emirates is one of the most ardent supporters.
4. The Boeing 787 Dreamliner, the direct competitor to Airbus A380, gets a lot more orders from diverse companies

Fleet Management Analysis

Aircraft & Cost	Airplane Company	Aircraft Type	New vs. Old Aircraft	Airbus vs. Boeing	Airbus vs. Boeing(2)
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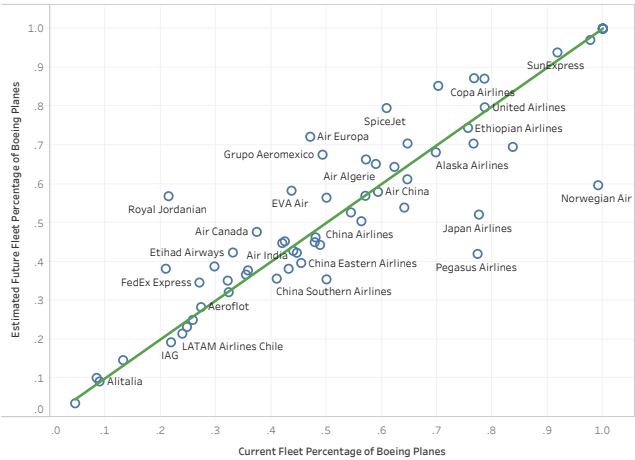
- 1. Airbus and Boeing occupy 78.53% of the market.
- 2. There are more Boeing aircraft in operation than Airbus'.
- 3. There are more Airbus aircraft on order than Boeing's.

Fleet Management Analysis

Aircraft & Cost	Airplane Company	Aircraft Type	New vs. Old Aircraft	Airbus vs. Boeing	Airbus vs. Boeing(2)
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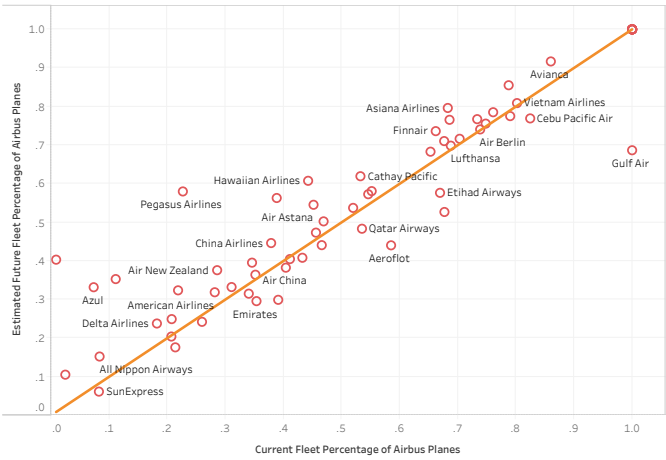
Boeing Percentage Change

-0.01531



Airbus Percentage Change

0.04530



- 1. Assuming airline companies keep all their current airplanes as active.
- 2. Many companies are shifting towards buying more Airbus planes in their fleets, rather than the Boeing's.
- 3. Estimated future fleet percentage of Airbus planes will increase 4.53%, while Boeing will decrease 1.53%.