

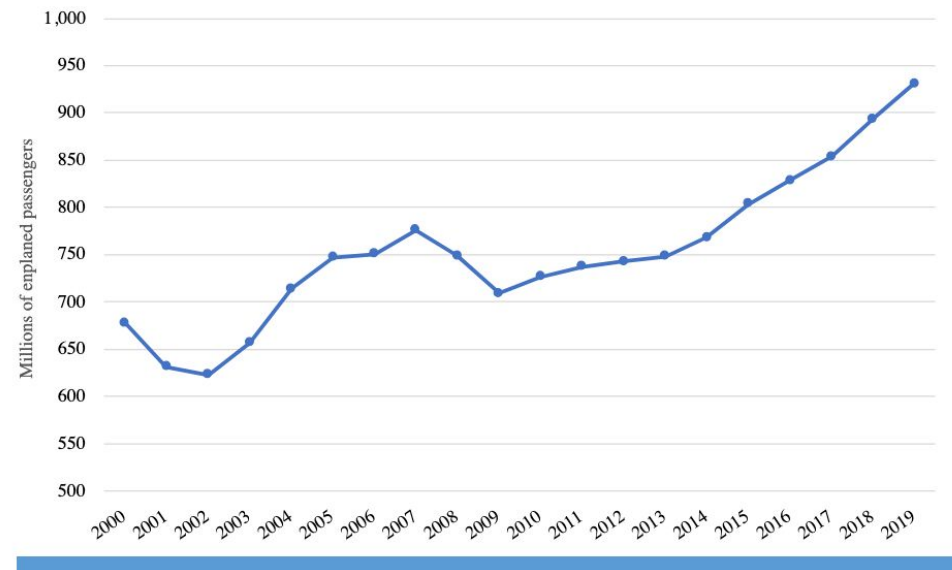
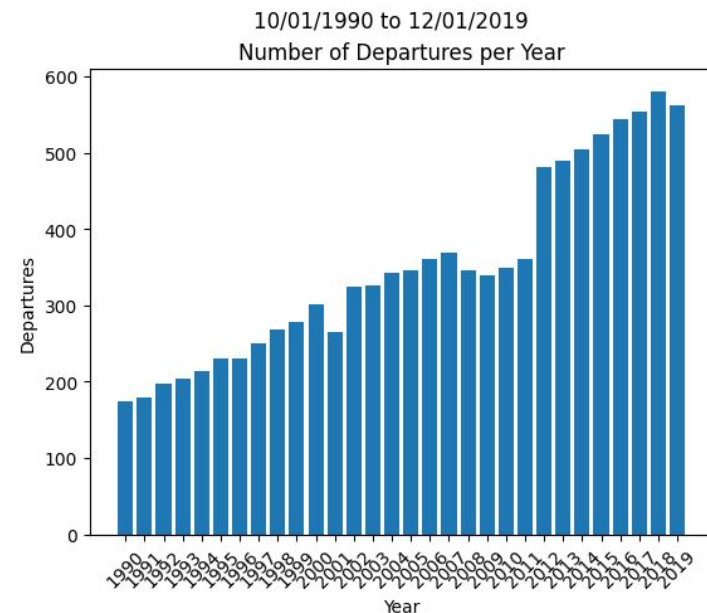
HDAG Case Team Analyst Slide Template

Analyst: Freddy Yu

Impact of the 2008 financial crisis on the airline industry

The 2008 financial crisis caused a steep decline in departure flights per year for airlines across the United States, and can also be reflected in the industry's annual revenue.

Departures and Revenue per Year



External information:

- Economic uncertainty led to reduced business and leisure travel
- Airlines cut flight frequencies, retired older aircraft, and delayed new aircraft deliveries
 - The reduction in departures per year was actually intentional by airlines
- The crisis accelerated mergers and acquisitions in the industry to stabilize financially
 - The number of airlines itself also decreased, hence the missing data in several of the later years
 - These years were filled with NaN in the dataframes

Additional Links:

1. [Southwest](#)
2. [Department of Transportation](#)

Sources

Documentation

- Pandas
- Matplotlib
- Seaborn

Forums

- Stack Overflow
- Reddit

Generative AI

- ChatGPT

External Data Sources

- [Southwest Airlines](#)
- [Department of Transportation](#)