**Domain:** Airlines Project 01: Analyze NYC-Flight data This dataset contains information about all flights that departed from NYC (e.g. EWR, JFK and LGA) in 2013: 336,776 flights in total.

**Exploration ideas:** Departure delays. Best airports in terms of time departure %. Aircraft speed analysis. On time arrival % analysis. Maximum number of flights headed to some particular destination.

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| **Variable description:** Name | Description |
| year | 2013 |
| month | 1-12 |
| day | Day of the month (1-31) |
| dep\_time | Departure times, local timezone |
| sched\_dep\_time | Scheduled departure time |
| Departure delay, in minutes, Negative times represent | |
| dep\_delay | early departures |
| arr\_time | Arrival times, local timezone |
| sched\_arr-time | Scheduled departure time |
| Arrival delay, in minutes, Negative times represent | |
| arr\_delay | early arrivals |
| carrier | Two letter carrier abbreviation |
| flight | Flight number |
| tailnum | Plane tail number |
| origin, dest | Airport codes for origin and destination |
| air\_time | Amount of time spent in the air, in minutes. |
| distance | Distance flown, in miles. |
| hour, minute | Time of departure broken in to hour and mins. |
| time\_hour | Timestamp |