

## DATA DICTIONARY

1. YEAR: The year of the flight (e.g., 2015).
2. MONTH: The month of the flight (1 to 12).
3. DAY: The day of the month of the flight (1 to 31).
4. DAY\_OF\_WEEK: The day of the week, represented numerically (1 = Sunday, 2 = Monday, ..., 7 = Saturday).
5. AIRLINE: The code or abbreviation representing the airline of the flight.
6. FLIGHT\_NUMBER: The flight number assigned by the airline.
7. TAIL\_NUMBER: The unique aircraft tail number.
8. ORIGIN\_AIRPORT: The code or abbreviation for the airport of departure.
9. DESTINATION\_AIRPORT: The code or abbreviation for the destination airport.
10. SCHEDULED\_DEPARTURE: The scheduled departure time in local time (24-hour format).
11. DEPARTURE\_TIME: The actual departure time of the flight in local time (24-hour format).
12. DEPARTURE\_DELAY: The delay in departure time, in minutes (negative values indicate early departure).
13. TAXI\_OUT: The time taken, in minutes, for the aircraft to taxi from the gate to the runway.
14. WHEELS\_OFF: The time at which the aircraft's wheels leave the ground.
15. SCHEDULED\_TIME: The scheduled duration of the flight in minutes.
16. ELAPSED\_TIME: The actual elapsed time of the flight in minutes.
17. AIR\_TIME: The time the aircraft spends in the air, excluding taxi time.
18. DISTANCE: The distance of the flight in miles.
19. WHEELS\_ON: The time at which the aircraft's wheels touch the ground upon arrival.
20. TAXI\_IN: The time taken, in minutes, for the aircraft to taxi from the runway to the gate upon arrival.
21. SCHEDULED\_ARRIVAL: The scheduled arrival time in local time (24-hour format).
22. ARRIVAL\_TIME: The actual arrival time of the flight in local time (24-hour format).

23. ARRIVAL\_DELAY: The delay in arrival time, in minutes (negative values indicate early arrival).

24. DIVERTED: A binary indicator (0 or 1) specifying whether the flight was diverted.

25. CANCELLED: A binary indicator (0 or 1) specifying whether the flight was canceled.

Additional Information about the Airline and other abbreviations : [airline](#) and [airport](#)