**Data Dictionary**

1. **Year**: Year
2. **Quarter**: Quarter (1-4)
3. **Month**: Month
4. **DayofMonth**: Day of Month
5. **DayOfWeek**: Day of Week
6. **FlightDate**: Flight Date (yyyymmdd)
7. **Reporting\_Airline**: Unique Carrier Code. When the same code has been used by multiple carriers, a numeric suffix is used for earlier users, for example, PA, PA(1), PA(2). Use this field for analysis across a range of years.
8. **DOT\_ID\_Reporting\_Airline**: An identification number assigned by US DOT to identify a unique airline (carrier). A unique airline (carrier) is defined as one holding and reporting under the same DOT certificate regardless of its Code, Name, or holding company/corporation.
9. **IATA\_CODE\_Reporting\_Airline**: Code assigned by IATA and commonly used to identify a carrier. As the same code may have been assigned to different carriers over time, the code is not always unique. For analysis, use the Unique Carrier Code.
10. **Tail\_Number**: Tail Number
11. **Flight\_Number\_Reporting\_Airline**: Flight Number
12. **OriginAirportID**: Origin Airport, Airport ID. An identification number assigned by US DOT to identify a unique airport. Use this field for airport analysis across a range of years because an airport can change its airport code and airport codes can be reused.
13. **OriginAirportSeqID**: Origin Airport, Airport Sequence ID. An identification number assigned by US DOT to identify a unique airport at a given point of time. Airport attributes, such as airport name or coordinates, may change over time.
14. **OriginCityMarketID**: Origin Airport, City Market ID. City Market ID is an identification number assigned by US DOT to identify a city market. Use this field to consolidate airports serving the same city market.
15. **Origin**: Origin Airport
16. **OriginCityName**: Origin Airport, City Name
17. **OriginState**: Origin Airport, State Code
18. **OriginStateFips**: Origin Airport, State Fips
19. **OriginStateName**: Origin Airport, State Name
20. **OriginWac**: Origin Airport, World Area Code
21. **DestAirportID**: Destination Airport, Airport ID. An identification number assigned by US DOT to identify a unique airport. Use this field for airport analysis across a range of years because an airport can change its airport code and airport codes can be reused.
22. **DestAirportSeqID**: Destination Airport, Airport Sequence ID. An identification number assigned by US DOT to identify a unique airport at a given point of time. Airport attributes, such as airport name or coordinates, may change over time.
23. **DestCityMarketID**: Destination Airport, City Market ID. City Market ID is an identification number assigned by US DOT to identify a city market. Use this field to consolidate airports serving the same city market.
24. **Dest**: Destination Airport
25. **DestCityName**: Destination Airport, City Name
26. **DestState**: Destination Airport, State Code
27. **DestStateFips**: Destination Airport, State Fips
28. **DestStateName**: Destination Airport, State Name
29. **DestWac**: Destination Airport, World Area Code
30. **CRSDepTime**: CRS Departure Time (local time: hhmm)
31. **DepTime**: Actual Departure Time (local time: hhmm)
32. **DepDelay**: Difference in minutes between scheduled and actual departure time. Early departures show negative numbers.
33. **DepDelayMinutes**: Difference in minutes between scheduled and actual departure time. Early departures set to 0.
34. **DepDel15**: Departure Delay Indicator, 15 Minutes or More (1=Yes)
35. **DepartureDelayGroups**: Departure Delay intervals, every (15 minutes from <-15 to >180)
36. **DepTimeBlk**: CRS Departure Time Block, Hourly Intervals
37. **TaxiOut**: Taxi Out Time, in Minutes
38. **WheelsOff**: Wheels Off Time (local time: hhmm)
39. **WheelsOn**: Wheels On Time (local time: hhmm)
40. **TaxiIn**: Taxi In Time, in Minutes
41. **CRSArrTime**: CRS Arrival Time (local time: hhmm)
42. **ArrTime**: Actual Arrival Time (local time: hhmm)
43. **ArrDelay**: Difference in minutes between scheduled and actual arrival time. Early arrivals show negative numbers.
44. **ArrDelayMinutes**: Difference in minutes between scheduled and actual arrival time. Early arrivals set to 0.
45. **ArrDel15**: Arrival Delay Indicator, 15 Minutes or More (1=Yes)
46. **ArrivalDelayGroups**: Arrival Delay intervals, every (15-minutes from <-15 to >180)
47. **ArrTimeBlk**: CRS Arrival Time Block, Hourly Intervals
48. **Cancelled**: Cancelled Flight Indicator (1=Yes)
49. **CancellationCode**: Specifies The Reason For Cancellation
50. **Diverted**: Diverted Flight Indicator (1=Yes)
51. **CRSElapsedTime**: CRS Elapsed Time of Flight, in Minutes
52. **ActualElapsedTime**: Elapsed Time of Flight, in Minutes
53. **AirTime**: Flight Time, in Minutes
54. **Flights**: Number of Flights
55. **Distance**: Distance between airports (miles)
56. **DistanceGroup**: Distance Intervals, every 250 Miles, for Flight Segment
57. **CarrierDelay**: Carrier Delay, in Minutes
58. **WeatherDelay**: Weather Delay, in Minutes
59. **NASDelay**: National Air System Delay, in Minutes
60. **SecurityDelay**: Security Delay, in Minutes
61. **LateAircraftDelay**: Late Aircraft Delay, in Minutes
62. **FirstDepTime**: First Gate Departure Time at Origin Airport
63. **TotalAddGTime**: Total Ground Time Away from Gate for Gate Return or Cancelled Flight
64. **LongestAddGTime**: Longest Time Away from Gate for Gate Return or Cancelled Flight
65. **DivAirportLandings**: Number of Diverted Airport Landings
66. **DivReachedDest**: Diverted Flight Reaching Scheduled Destination Indicator (1=Yes)
67. **DivActualElapsedTime**: Elapsed Time of Diverted Flight Reaching Scheduled Destination, in Minutes. The ActualElapsedTime column remains NULL for all diverted flights.
68. **DivArrDelay**: Difference in minutes between scheduled and actual arrival time for a diverted flight reaching scheduled destination. The ArrDelay column remains NULL for all diverted flights.
69. **DivDistance**: Distance between scheduled destination and final diverted airport (miles). Value will be 0 for diverted flight reaching scheduled destination.
70. **Div1Airport**: Diverted Airport Code1
71. **Div1AirportID**: Airport ID of Diverted Airport 1. Airport ID is a Unique Key for an Airport
72. **Div1AirportSeqID**: Airport Sequence ID of Diverted Airport 1. Unique Key for Time Specific Information for an Airport
73. **Div1WheelsOn**: Wheels On Time (local time: hhmm) at Diverted Airport Code1
74. **Div1TotalGTime**: Total Ground Time Away from Gate at Diverted Airport Code1
75. **Div1LongestGTime**: Longest Ground Time Away from Gate at Diverted Airport Code1
76. **Div1WheelsOff**: Wheels Off Time (local time: hhmm) at Diverted Airport Code1
77. **Div1TailNum**: Aircraft Tail Number for Diverted Airport Code1
78. **Div2Airport**: Diverted Airport Code2
79. **Div2AirportID**: Airport ID of Diverted Airport 2. Airport ID is a Unique Key for an Airport
80. **Div2AirportSeqID**: Airport Sequence ID of Diverted Airport 2. Unique Key for Time Specific Information for an Airport
81. **Div2WheelsOn**: Wheels On Time (local time: hhmm) at Diverted Airport Code2
82. **Div2TotalGTime**: Total Ground Time Away from Gate at Diverted Airport Code2
83. **Div2LongestGTime**: Longest Ground Time Away from Gate at Diverted Airport Code2
84. **Div2WheelsOff**: Wheels Off Time (local time: hhmm) at Diverted Airport Code2
85. **Div2TailNum**: Aircraft Tail Number for Diverted Airport Code2
86. **Div3Airport**: Diverted Airport Code3
87. **Div3AirportID**: Airport ID of Diverted Airport 3. Airport ID is a Unique Key for an Airport
88. **Div3AirportSeqID**: Airport Sequence ID of Diverted Airport 3. Unique Key for Time Specific Information for an Airport
89. **Div3WheelsOn**: Wheels On Time (local time: hhmm) at Diverted Airport Code3
90. **Div3TotalGTime**: Total Ground Time Away from Gate at Diverted Airport Code3
91. **Div3LongestGTime**: Longest Ground Time Away from Gate at Diverted Airport Code3
92. **Div3WheelsOff**: Wheels Off Time (local time: hhmm) at Diverted Airport Code3
93. **Div3TailNum**: Aircraft Tail Number for Diverted Airport Code3
94. **Div4Airport**: Diverted Airport Code4
95. **Div4AirportID**: Airport ID of Diverted Airport 4. Airport ID is a Unique Key for an Airport
96. **Div4AirportSeqID**: Airport Sequence ID of Diverted Airport 4. Unique Key for Time Specific Information for an Airport
97. **Div4WheelsOn**: Wheels On Time (local time: hhmm) at Diverted Airport Code4
98. **Div4TotalGTime**: Total Ground Time Away from Gate at Diverted Airport Code4
99. **Div4LongestGTime**: Longest Ground Time Away from Gate at Diverted Airport Code4
100. **Div4WheelsOff**: Wheels Off Time (local time: hhmm) at Diverted Airport Code4
101. **Div4TailNum**: Aircraft Tail Number for Diverted Airport Code4
102. **Div5Airport**: Diverted Airport Code5
103. **Div5AirportID**: Airport ID of Diverted Airport 5. Airport ID is a Unique Key for an Airport
104. **Div5AirportSeqID**: Airport Sequence ID of Diverted Airport 5. Unique Key for Time Specific Information for an Airport
105. **Div5WheelsOn**: Wheels On Time (local time: hhmm) at Diverted Airport Code5
106. **Div5TotalGTime**: Total Ground Time Away from Gate at Diverted Airport Code5
107. **Div5LongestGTime**: Longest Ground Time Away from Gate at Diverted Airport Code5
108. **Div5WheelsOff**: Wheels Off Time (local time: hhmm) at Diverted Airport Code5
109. **Div5TailNum**: Aircraft Tail Number for Diverted Airport Code5