**Variable descriptions**

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| --- | --- | --- |
|  | Name | Description |
| 1 | Year | 1987-2008 |
| 2 | Month | 1-12 |
| 3 | DayofMonth | 1-31 |
| 4 | DayOfWeek | 1 (Monday) - 7 (Sunday) |
| 5 | DepTime | actual departure time (local, hhmm) |
| 6 | CRSDepTime | scheduled departure time (local, hhmm) |
| 7 | ArrTime | actual arrival time (local, hhmm) |
| 8 | CRSArrTime | scheduled arrival time (local, hhmm) |
| 9 | UniqueCarrier | [unique carrier code](http://stat-computing.org/dataexpo/2009/supplemental-data.html) |
| 10 | FlightNum | flight number |
| 11 | TailNum | plane tail number |
| 12 | ActualElapsedTime | in minutes |
| 13 | CRSElapsedTime | in minutes |
| 14 | AirTime | in minutes |
| 15 | ArrDelay | arrival delay, in minutes |
| 16 | DepDelay | departure delay, in minutes |
| 17 | Origin | origin [IATA airport code](http://stat-computing.org/dataexpo/2009/supplemental-data.html) |
| 18 | Dest | destination [IATA airport code](http://stat-computing.org/dataexpo/2009/supplemental-data.html) |
| 19 | Distance | in miles |
| 20 | TaxiIn | taxi in time, in minutes |
| 21 | TaxiOut | taxi out time in minutes |
| 22 | Cancelled | was the flight cancelled? |
| 23 | CancellationCode | reason for cancellation (A = carrier, B = weather, C = NAS, D = security) |
| 24 | Diverted | 1 = yes, 0 = no |
| 25 | CarrierDelay | in minutes |
| 26 | WeatherDelay | in minutes |
| 27 | NASDelay | in minutes |
| 28 | SecurityDelay | in minutes |
| 29 | LateAircraftDelay | in minutes |

Carrier\_ct : Continuous variable, flight delayed due to flights own issue

Weather\_ct : Continuous variable, flight delayed due to weather issues.

Nas\_ct : Continuous variable, flight delayed due to National Aviation Systems issues.

Security\_ct : Continuous variable, flight delayed due to security concerns,

Late\_aircraft\_ct: CV, flight delayed due to previous flight delayed