Description of the flight\_delay data.

1. Name : flight\_delay data
2. Number of Variables for flight\_delay data:11 (10 numerical,1categorical)
3. Description of Variables for flight\_delay data

* **Variable 1:Carrier(Categorical)**

* **Variable 2**:**Airport\_Distance (Numeric)**: Distance between the airports in miles

* **Variable 3:Number\_of\_flights(Numeric)**:Total no of flights in airport

* **Variable 4:Weather(Numeric)**:Delay due to weather condition ranked 0-10, with 0 being mild and 10 being extreme

* **Variable 5:Support\_Crew\_Available (Numeric)**: Total no of support crew available
* **Variable 6:Baggage\_loading\_time (Numeric)**: Time in minutes for loading the baggage
* **Variable 7:Late\_Arrival\_o(Numeric)**: Time in minutes for late arriving aircraft of the same flight
* **Variable 8:Cleaning\_o(Numeric):**Time in minutes for aircraft cleaning
* **Variable 9:Fueling\_o(Numeric):**Time in minutes for aircraft fueling
* **Variable 10:Security\_o (Numeric)**:Time in minutes for security checking
* **Variable 11:Arr\_Delay (Numeric):** Flight Arr\_Delay in minutes. It is dependent variable in the model