Scheduling/Delay Variables:

DepDelay	Departure delay in minutes (negative denotes early departure)
ArrDelay	Departure delay in minutes (negative denotes early departure)
ActualElapsedTime	Flight duration in minutes
CRSElapsedTime	Schedule flight duration
Year	Year of flight
Month	Month of Flight
DayofMonth	Day of month
DayOfWeek	Day of week
ScheduledDepartDateTime	Scheduled departure time
Origin	Code of origin airport
Dest	Code of destination airport
UniqueCarrier	Carrier code
OriginCityName	Name of origin city
OriginState	State of origin city
OriginAirportID	Numeric code for origin airport
DestAirportID	Numeric code for destination airport
Scheduled Hour	The hour of the day that the flight is scheduled for (24 hour clock)
Distance	Flight distance

Competition Variables:

MarketShareOrigin	Market share of airline at origin airport
MarketShareDest	Market share of airline at destination airport
HHIOrigin	Market concentration at origin airport
HHIDest	Market concentration at destination airport
Monopoly Route	Whether airline is the only airline to offer flights between two cities in a particular month (dummy)

Airport Connectivity Variables

NonHubAirportOrigin	The origin airport is a non-hub (dummy)
SmallHubAirportOrigin	The origin airport is a small hub (dummy)
MediumHubAirportOrigin	The origin airport is a medium hub (dummy)
LargeHubAirportOrigin	The origin airport is a large hub (dummy)
NonHubAirportDest	The destination airport is a non-hub (dummy)
SmallHubAirportDest	The destination airport is a small hub (dummy)
MediumHubAirportDest	The destination airport is a medium hub (dummy)
LargeHubAirportDest	The destination airport is a large hub (dummy)

Airline Connectivity Variables

NonHubAirlineOrigin	The airline is a non-hub at the origin airport (dummy)
SmallHubAirlineOrigin	The airline is a small-hub at the origin airport (dummy)
MediumHubAirlineOrigin	The airline is a medium-hub at the origin airport (dummy)
LargeHubAirlineOrigin	The airline is a large-hub at the origin airport (dummy)
NonHubAirlineDest	The airline is a non-hub at the destination airport (dummy)
SmallHubAirlineDest	The airline is a small-hub at the destination airport (dummy)
MediumHubAirlineDest	The airline is a medium-hub at the destination airport (dummy)
LargeHubAirlineDest	The airline is a large-hub at the destination airport (dummy)

Weather Variables:

Temperature:	Temperature in degrees Celsius
Temp_ninfty_n10	Temperature is less than -10°C
Temp_n10_0	Temperature is between -10°C and 0°C
Temp_0_10	Temperature is between 0°C and 10°C
Temp_10_20	Temperature is between 10°C and 20°V
Temp_20_30	Temperature is between 20° and 30°
Temp_30_40	Temperature is between 30° and 40°
Temp_40_infty	Temperature is greater than 40°
WindSpeed	The wind speed
WindSpeedSquare	The wind speed square
WindGustDummy	Whether there are wind Gusts
WindGustSpeed	Speed of wind Gusts
RainDummy	Whether there is rain
RainTraceDummy	Whether there is a trace amount of rain
SnowDummy	Whether there is snow
SnowTraceDummy	Whether there is a trace amount of snow

Other variables:

TailNum	A unique plane identifier
LoadFactor	Percentage of seats that are occupied (monthly)
NumFlights	Systemwide Number of flights on the given day
MetroPopulation	Metropolitan area population
MetroGDP	Metropolitan area GDP