

Raw Data from SQL Database

```
'data.frame': 1311826 obs. of 29 variables:
 $ Year      : int  1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987 1987
...
 $ Month      : int  10 10 10 10 10 10 10 10 10 10 10 ...
 $ DayOfMonth : int  1 1 1 1 1 1 1 1 1 1 ...
 $ DayOfWeek  : int  4 4 4 4 4 4 4 4 4 4 ...
 $ DepTime    : int  936 1520 1643 851 659 934 1127 1830 1808 2003 ...
 $ CRSDepTime : int  915 1505 1635 830 650 930 1120 1830 1800 2000 ...
 $ ArrTime     : int  1035 1624 1750 1008 834 1044 1253 1936 1915 2058
...
 $ CRSArrTime  : int  1001 1608 1732 937 800 1035 1250 1929 1901 2059
...
 $ UniqueCarrier : chr  "PS" "PS" "PS" "PS" ...
 $ FlightNum     : int  1451 1453 1454 1457 1457 1459 1459 1460 1463 1465
...
 $ TailNum       : chr  "NA" "NA" "NA" "NA" ...
 $ ActualElapsedTime: int  59 64 67 77 95 70 86 66 67 55 ...
 $ CRSElapsedTime : int  46 63 57 67 70 65 90 59 61 59 ...
 $ AirTime       : chr  "NA" "NA" "NA" "NA" ...
 $ ArrDelay      : int  34 16 18 31 34 9 3 7 14 -1 ...
 $ DepDelay      : int  21 15 8 21 9 4 7 0 8 3 ...
 $ Origin        : chr  "SFO" "BUR" "OAK" "LAX" ...
 $ Dest         : chr  "RNO" "OAK" "BUR" "SFO" ...
 $ Distance      : int  192 325 325 337 370 337 550 325 325 325 ...
 $ TaxiIn        : chr  "NA" "NA" "NA" "NA" ...
 $ TaxiOut       : chr  "NA" "NA" "NA" "NA" ...
 $ Cancelled     : int  0 0 0 0 0 0 0 0 0 0 ...
 $ CancellationCode : chr  "NA" "NA" "NA" "NA" ...
 $ Diverted      : chr  "0" "0" "0" "0" ...
 $ CarrierDelay  : chr  "NA" "NA" "NA" "NA" ...
 $ WeatherDelay  : chr  "NA" "NA" "NA" "NA" ...
 $ NASDelay      : chr  "NA" "NA" "NA" "NA" ...
 $ SecurityDelay : chr  "NA" "NA" "NA" "NA" ...
 $ LateAircraftDelay: chr  "NA" "NA" "NA" "NA" ...
```

Model Performance

Cell Contents

			N
	N / Row	Total	
	N / Col	Total	
	N / Table	Total	

Total Observations in Table: 262366

knn_test_labels	data_pred		Row Total
	0	1	
0	197905	6021	203926
	0.970	0.030	0.777
	0.920	0.128	
	0.754	0.023	
1	17271	41169	58440
	0.296	0.704	0.223
	0.080	0.872	
	0.066	0.157	
Column Total	215176	47190	262366
	0.820	0.180	