

# Airline Reporting Carrier On-Time Performance Dataset

Dataset Metadata

Dataset Preview

Dataset Glossary

Feature	Description
Year	Year
Quarter	Quarter
Month	Month
DayofMonth	Day of Month
DayOfWeek	Day of Week (numeric)
FlightDate	Date of Flight
Reporting_Airline	Airline Unique Carrier Code
DOT_ID_Reporting_Airline	Number assigned by US DOT to identify a unique airline
IATA_CODE_Reporting_Airline	Airline Code assigned by IATA
Tail_Number	Aircraft tail number
Flight_Number_Reporting_Airline	Flight Number
OriginAirportID	Origin Airport ID
OriginAirportSeqID	Origin Airport Sequence ID
OriginCityMarketID	Origin City Market ID

DAX Dataset Preview

Origin	Origin Airport Code
OriginCityName	Origin City Name
OriginState	Origin State
OriginStateFips	Origin State FIPS place code
OriginStateName	Origin State Name
OriginWac	Origin Airport World Area Code
DestAirportID	Destination Airport ID
DestAirportSeqID	Destination Airport Sequence ID
DestCityMarketID	Destination City Market ID
Dest	Destination Airport Code
DestCityName	Destination City Name
DestState	Destination State
DestStateFips	Destination State FIPS code
DestStateName	Destination State Name
DestWac	Destination Airport World Area Code
CRSDepTime	Computer Reservation System (scheduled) Departure Time
DepTime	Departure Time (hhmm)
DepDelay	Departure delay (minutes)
DepDelayMinutes	Absolute value of DepDelay

DepDel15	Departure Delay >15?
DepartureDelayGroups	Departure delay 15 minute interval group
DepTimeBlk	Computer Reservation System (scheduled) time block
TaxiOut	Taxi out time (minutes)
WheelsOff	Wheels off time (local time, hhmm)
WheelsOn	Wheels on time (local time hhmm)
TaxiIn	Taxi in time (minutes)
CRSArrTime	Computer Reservation System (scheduled) Arrival Time
ArrTime	Arrival time (local time, hhmm)
ArrDelay	Arrival delay (minutes)
ArrDelayMinutes	Absolute value of ArrDelay
ArrDel15	Arrival Delay >15?
ArrivalDelayGroups	Arrival delay 15 minute interval group
ArrTimeBlk	Computer Reservation System (scheduled) arrival time block
Cancelled	1 = canceled
CancellationCode	A = Carrier, B = Weather, C = National Air System, D = Security
Diverted	1 = diverted
CRSElapsedTime	Computer Reservation System (scheduled) elapsed time
ActualElapsedTime	Actual elapsed time

AirTime	Flight time (minutes)
Flights	Number of flights
Distance	Distance between airports (miles)
DistanceGroup	250 mile distance interval group
CarrierDelay	Carrier delay (minutes)
WeatherDelay	Weather delay (minutes)
NASDelay	National Air System delay (minutes)
SecurityDelay	Security delay (minutes)
LateAircraftDelay	Late aircraft delay (minutes)
FirstDepTime	First gate departure time at origin airport
TotalAddGTime	Total ground time away from gate
LongestAddGTime	Longest time away from gate
DivAirportLandings	Number of diverted airport landings
DivReachedDest	1 = diverted flight reached scheduled destination
DivActualElapsedTime	Elapsed time of diverted flight reaching scheduled destination
DivArrDelay	Difference in minutes between scheduled and actual arrival time
DivDistance	Distance between scheduled and diverted airport
Div1Airport	Diverted Airport 1
Div1AirportID	Diverted Airport 1 ID

Div1AirportSeqID	Diverted Airport 1 Sequence ID
Div1WheelsOn	Diverted Airport 1 wheels on time (local, hhmm)
Div1TotalGTime	Diverted Airport 1 total ground time away from gate
Div1LongestGTime	Diverted Airport 1 longest ground time away from gate
Div1WheelsOff	Diverted Airport 1 wheels off time (local, hhmm)
Div1TailNum	Diverted Airport 1 aircraft tail number
Div2Airport	Diverted Airport 2
Div2AirportID	Diverted Airport 2 ID
Div2AirportSeqID	Diverted Airport 2 Sequence ID
Div2WheelsOn	Diverted Airport 2 wheels on time (local, hhmm)
Div2TotalGTime	Diverted Airport 2 total ground time away from gate
Div2LongestGTime	Diverted Airport 2 longest ground time away from gate
Div2WheelsOff	Diverted Airport 2 wheels off time (local, hhmm)
Div2TailNum	Diverted Airport 2 aircraft tail number
Div3Airport	Diverted Airport 3
Div3AirportID	Diverted Airport 3 ID
Div3AirportSeqID	Diverted Airport 3 Sequence ID
Div3WheelsOn	Diverted Airport 3 wheels on time (local, hhmm)
Div3TotalGTime	Diverted Airport 3 total ground time away from gate

Div3LongestGTime	Diverted Airport 3 longest ground time away from gate
Div3WheelsOff	Diverted Airport 3 wheels off time (local, hhmm)
Div3TailNum	Diverted Airport 3 aircraft tail number
Div4Airport	Diverted Airport 4
Div4AirportID	Diverted Airport 4 ID
Div4AirportSeqID	Diverted Airport 4 Sequence ID
Div4WheelsOn	Diverted Airport 4 wheels on time (local, hhmm)
Div4TotalGTime	Diverted Airport 4 total ground time away from gate
Div4LongestGTime	Diverted Airport 4 longest ground time away from gate
Div4WheelsOff	Diverted Airport 4 wheels off time (local, hhmm)
Div4TailNum	Diverted Airport 4 aircraft tail number
Div5Airport	Diverted Airport 5
Div5AirportID	Diverted Airport 5 ID
Div5AirportSeqID	Diverted Airport 5 Sequence ID
Div5WheelsOn	Diverted Airport 5 wheels on time (local, hhmm)
Div5TotalGTime	Diverted Airport 5 total ground time away from gate
Div5LongestGTime	Diverted Airport 5 longest ground time away from gate
Div5WheelsOff	Diverted Airport 5 wheels off time (local, hhmm)
Div5TailNum	Diverted Airport 5 aircraft tail number

