

AIRLINE DELAY ANALYSIS

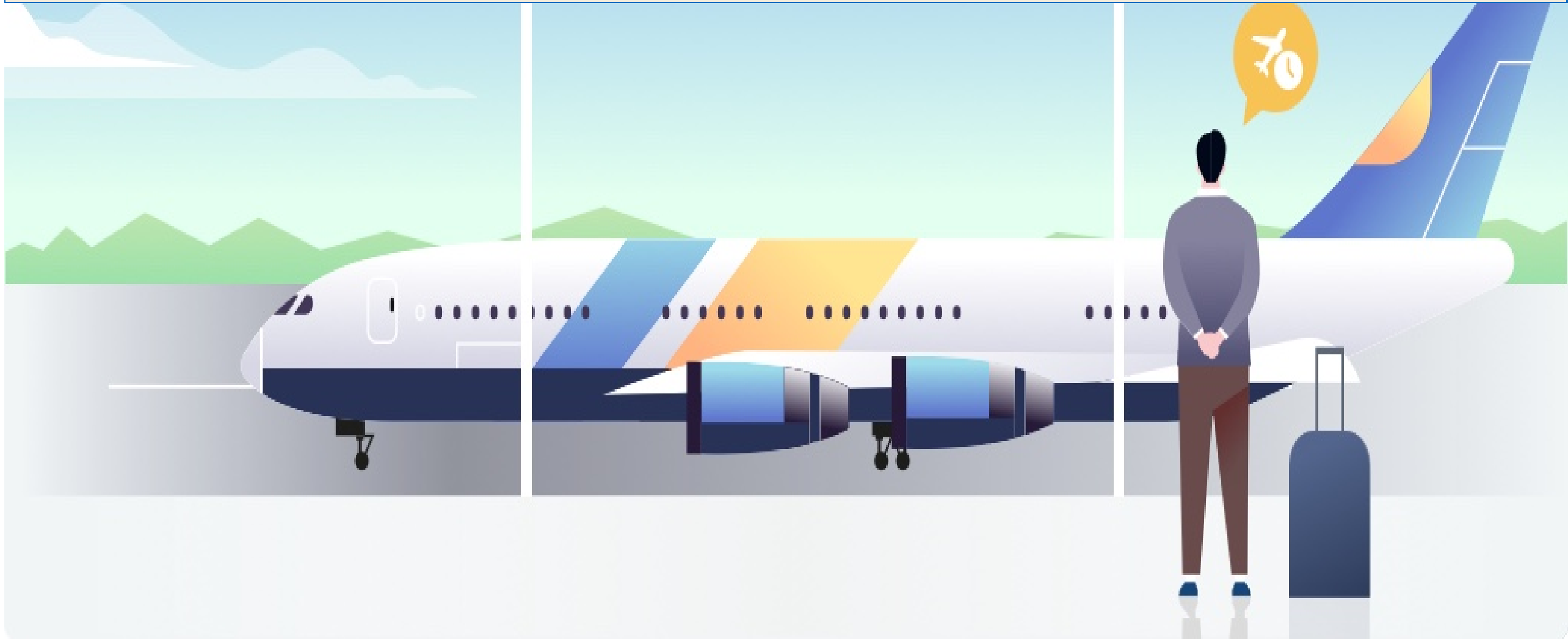
31ST December - 6TH January

Airline Delay Analysis Dashboard | Mariam Morenikeji

DELAY REPORT

FLIGHT REPORT

DASHBOARD





AIRLINE DELAY ANALYSIS

31ST December - 6TH January



539K

TOTAL FLIGHTS

18

TOTAL AIRLINES

240K

DELAY FLIGHTS

299K

FLIGHT ONTIME

293

SOURCE AIRPORTS

293

DESTINATION AIRPORTS

45%

DELAY INDEX

70K

Which Airline has the most delayed flights?
The most Delay Airline is WN.

60K

50K

40K

30K

20K

10K

0K

WN DL OO AA MQ CO XE US EV UA B6 9E FL AS OH YV F9 HA

Frequency of Flights per Weekday.

100K

50K

0K

91K

90K

85K

73K

71K

70K

59K

Wed

Tue

Thu

Sun

Mon

Sat

Fri

Year with the highest frequency of delay is 1900

1900

1899

● Count of id ● Delayflight

How bad was the delayed flight?

People flight most on Wednesday while Flight Delay occurs mostly on Tuesday.

100K

50K

41K

42K

36K

34K

32K

32K

24K

Wed

Tue

Thu

Sun

Mon

Sat

Fri

91K

90K

85K

73K

71K

70K

59K



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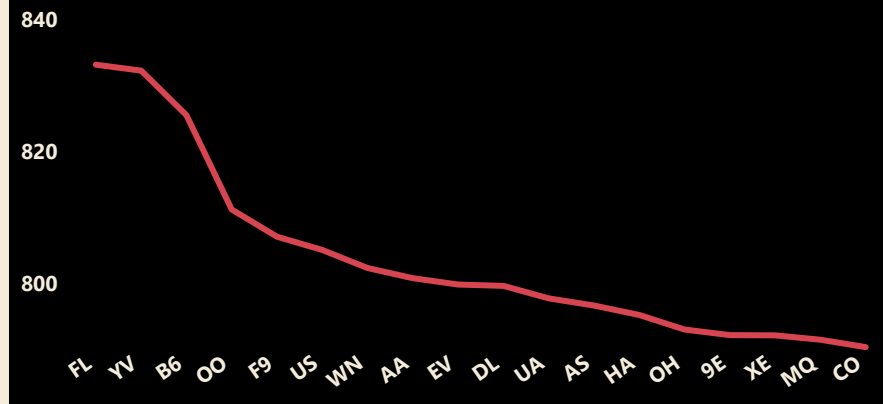
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DESTINATION AIRPORTS

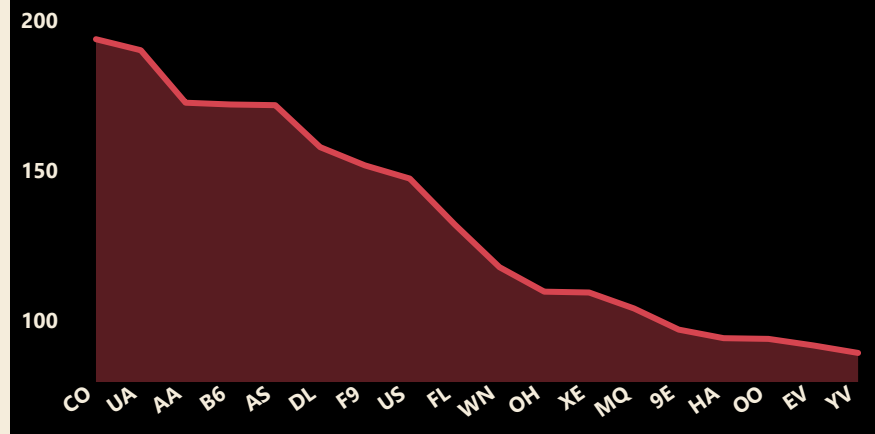
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DELAY INDEX

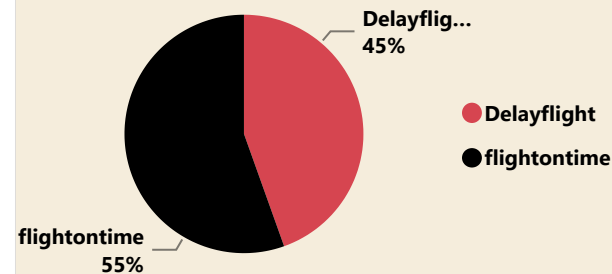
Average of Time Travelled by Airline



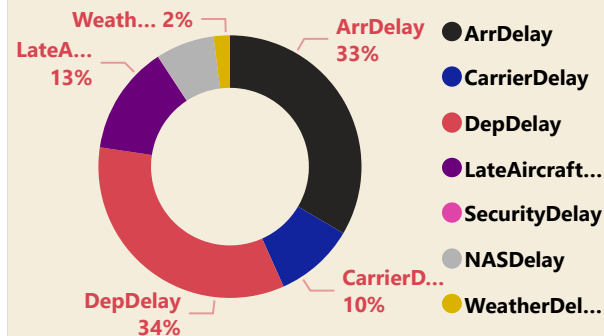
Average of Length Travelled by Airline



What is the percentage of delay flights to flights on time?



What causes Airline Delay?



Airline	Delayflight	flightontime	Totalflights	DelayIndex
9E	8226	12460	20686	40%
AA	17736	27920	45656	39%
AS	3892	7579	11471	34%
B6	8459	9653	18112	47%
CO	11957	9161	21118	57%
DL	27452	33488	60940	45%
EV	11255	16728	27983	40%
F9	2899	3557	6456	45%
FL	6275	14552	20827	30%
HA	1786	3792	5578	32%
MQ	12742	23863	36605	35%
OH	3502	9128	12630	28%
OO	22760	27494	50254	45%
UA	8946	18673	27619	32%
US	11591	22909	34500	34%
WN	65657	28440	94097	70%
XE	11795	19331	31126	38%
YV	3334	10391	13725	24%
Total	240264	299119	539383	45%

The above table shows different Airlines with the total number of flights, flight delayed, flights on time and the percentage of delay.



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539.38K

TOTAL FLIGHTS

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DELAY FLIGHTS

299K

FLIGHTS ONTIME

293

SOURCE AIRPORTS

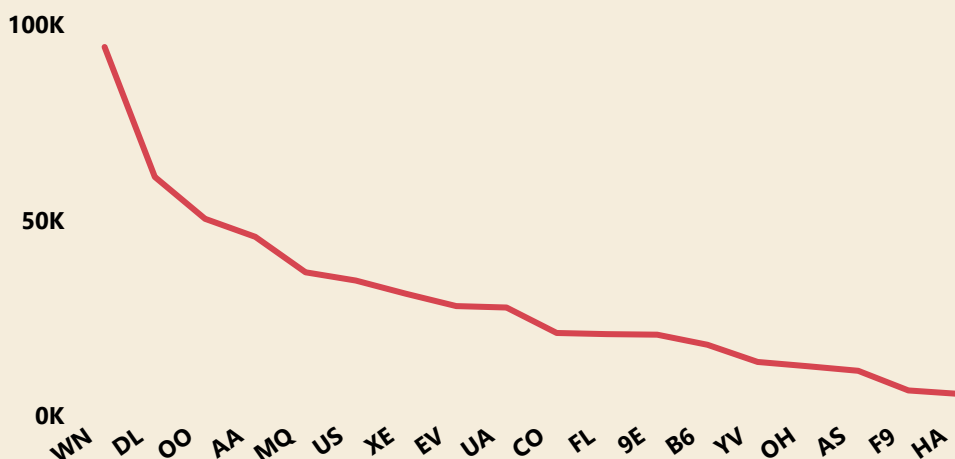
293

DESTINATION AIRPORTS

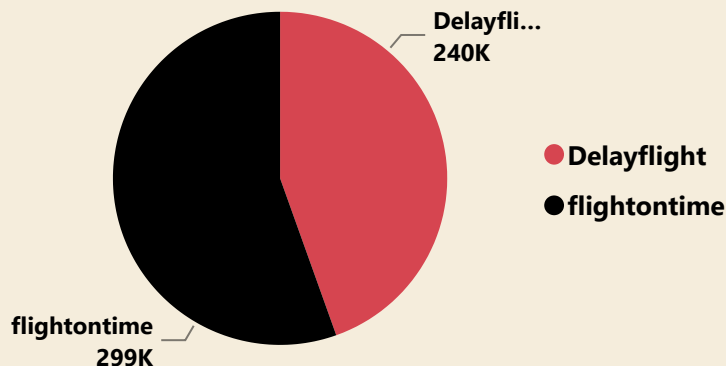
45%

DELAY INDEX

Which Airline has the highest frequency of flights?
WN Airline Flight most.



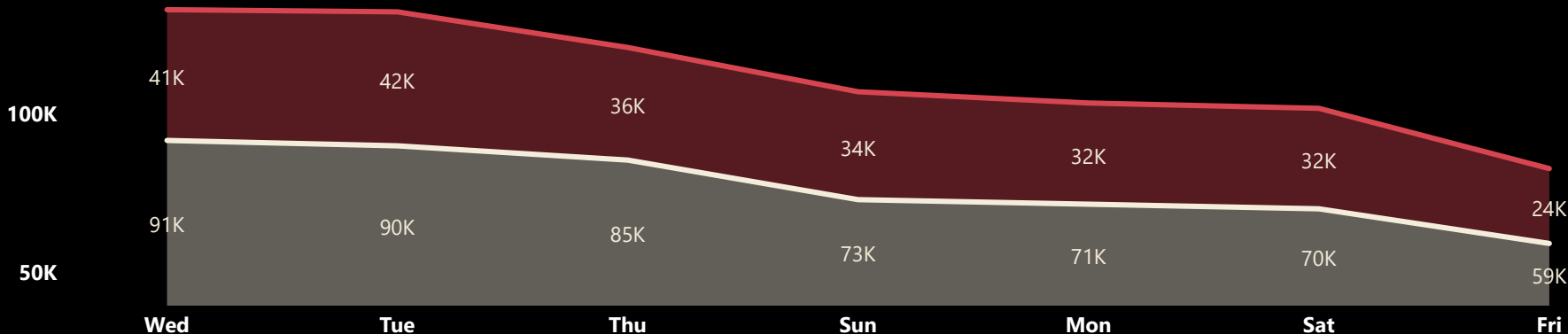
What is the percentage of delay flights to flights on time?



How bad was the delayed flight?

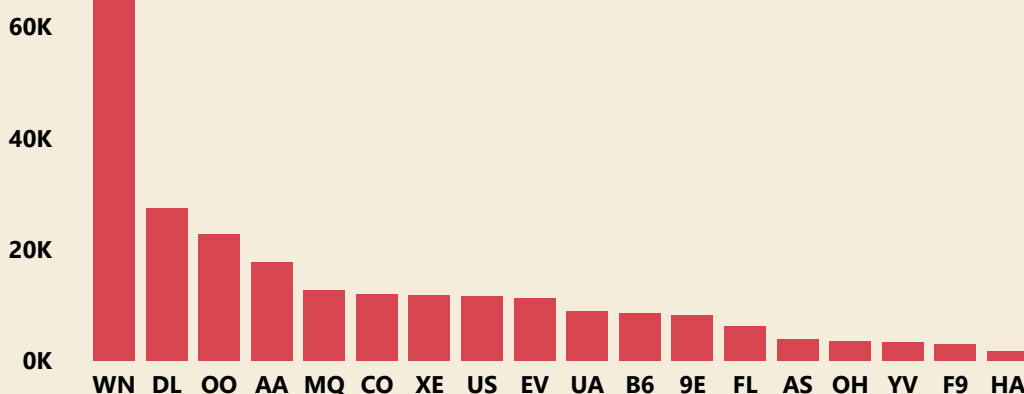
People flight most on Wednesday while Flight Delay occurs mostly on Tuesday.

Count of id Delayflight

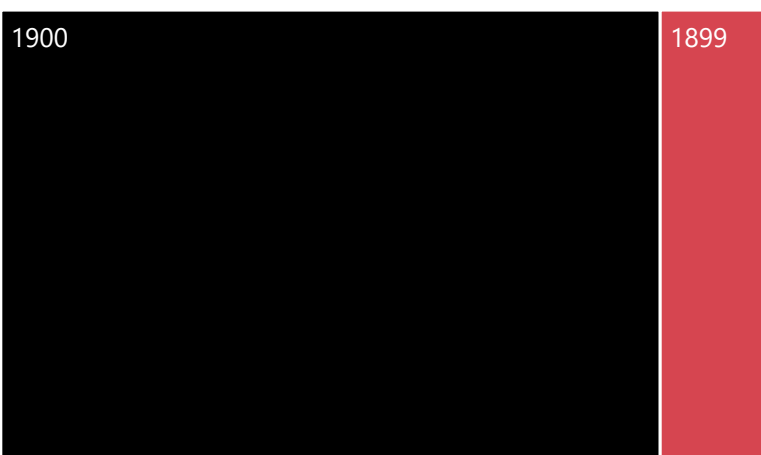


Which Airline has the most delayed flights?

The most Delay Airline is WN and people travel most with it..



Year with the highest frequency of delay is 1900



Average of Time Travelled by Airline

CO Airline is known to have the highest frequency travelled by average length.

What causes Airline Delay?

