

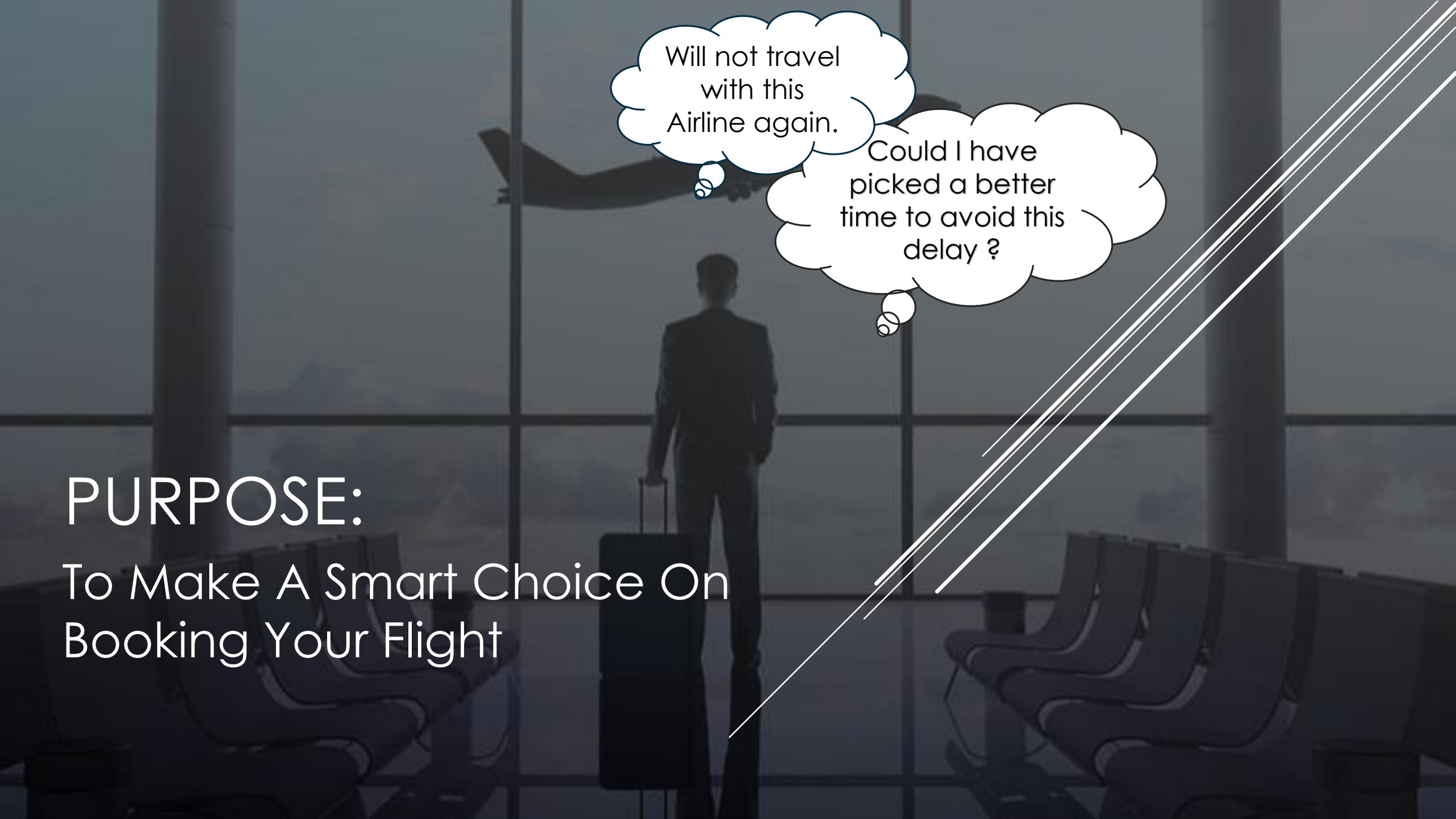


Departures

Time	To	Flight	Gate	Remarks
08:25	PARIS	EG3842	B2	ON TIME
08:35	NEW YORK	KL2014	A3	ON TIME
08:38	LONDON	LV5688	C1	ON TIME
08:41	SYDNEY	BN9053	B4	ON TIME
08:46	ROME	FK3541	A1	ON TIME
08:52	MADRID	GL1906	B5	ON TIME
08:57	ATHENS	YT8604	C2	DELAYED
09:02	BARCELONA	OR5014	D3	ON TIME
09:08	TOKYO	CA6850	B4	ON TIME
09:14	MOSCOW	LB2643	A3	ON TIME
09:19	LOS ANGELES	SN1852	C1	DELAYED
09:23	HONG KONG	BC5426	D2	ON TIME
09:27	TORONTO	FR4033	A4	ON TIME
09:32	BERLIN	HK2851	A2	ON TIME

AVIATION DATA FOR US WEB PORTAL

Presented By –
Kartik Nagras



Will not travel
with this
Airline again.

Could I have
picked a better
time to avoid this
delay ?

PURPOSE:

To Make A Smart Choice On
Booking Your Flight

Maths For Data Analytics

Assignment

This application has been designed for the purpose of helping users choose a flight and/or analyze the data.

Submitted by Kartik Nagras



Designed and Coded by Nishant Gupta & Kartik Nagras and powered by RStudio

Airplane Data For US

The Data was obtained from Bureau of Transportation Statistics US. The data gives the information regarding all flights flying in the US for the year 2008, representing 20 unique commercial airlines and 7,00,9728 (Approx ~7 million) observations.

Data Summary:

No. of Unique Carriers : 20

No. of Unique flights: 7131

No : of Airports: 286

[Click Here For Data Source](#)

Flight Data For United States - 2008

Home

Data

Data Display

Origin:

All

Month:

All

Carrier:

All

Show10entries

Search:

	V1	Year	Month	DayofMonth	DayOfWeek	DepTime	CRSDepTime	ArrTime	CRSArrTime	UniqueCarrier	FlightNum	TailNum	ActualElapsedTime	CRSElapsedTime	AirTime
1	1861144	2008	4	24	4	617	615	1124	1140	WN	798	N483WN	187	205	171
2	2608487	2008	5	14	3	1029	1007	1634	1607	UA	110	N581UA	245	240	218
3	4015546	2008	7	10	4	609	615	732	735	MQ	3720	N824AE	143	140	120
4	6366287	2008	11	8	6	1627	1630	1750	1820	AA	658	N514AA	83	110	70
5	1413735	2008	3	3	1	1453	1444	1646	1640	UA	517	N539UA	233	236	207
6	6297463	2008	11	26	3	712	715	822	825	MQ	3986	N686MQ	70	70	46
7	6621912	2008	12	26	5		730		904	OO	4489	N913EV		94	
8	4632009	2008	8	30	6	954	930	1111	1050	MQ	3575	N839AE	77	80	59
9	4409914	2008	8	4	1	2043	1953	2140	2056	OO	5707	N223SW	57	63	48
10	433105	2008	1	17	4	1406	1415	1708	1704	NW	552	N376NW	122	109	92

Showing 1 to 10 of 38,207 entries

Previous

1

2

3

4

5

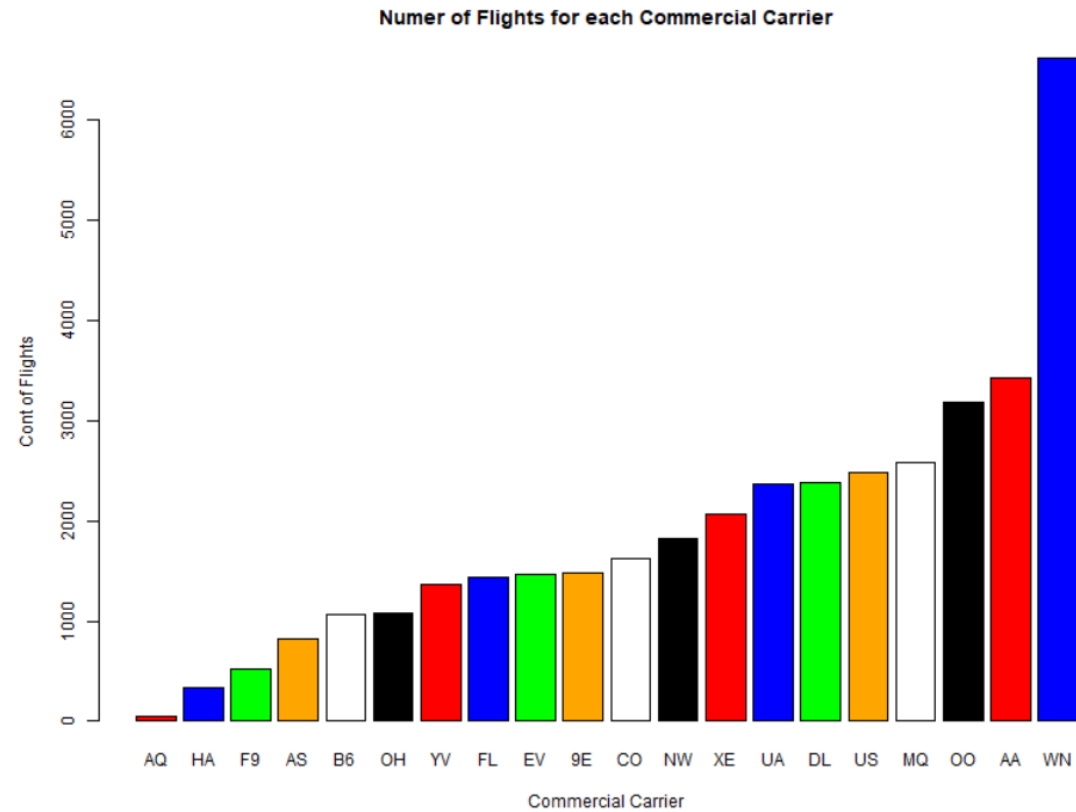
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Next

Graphs

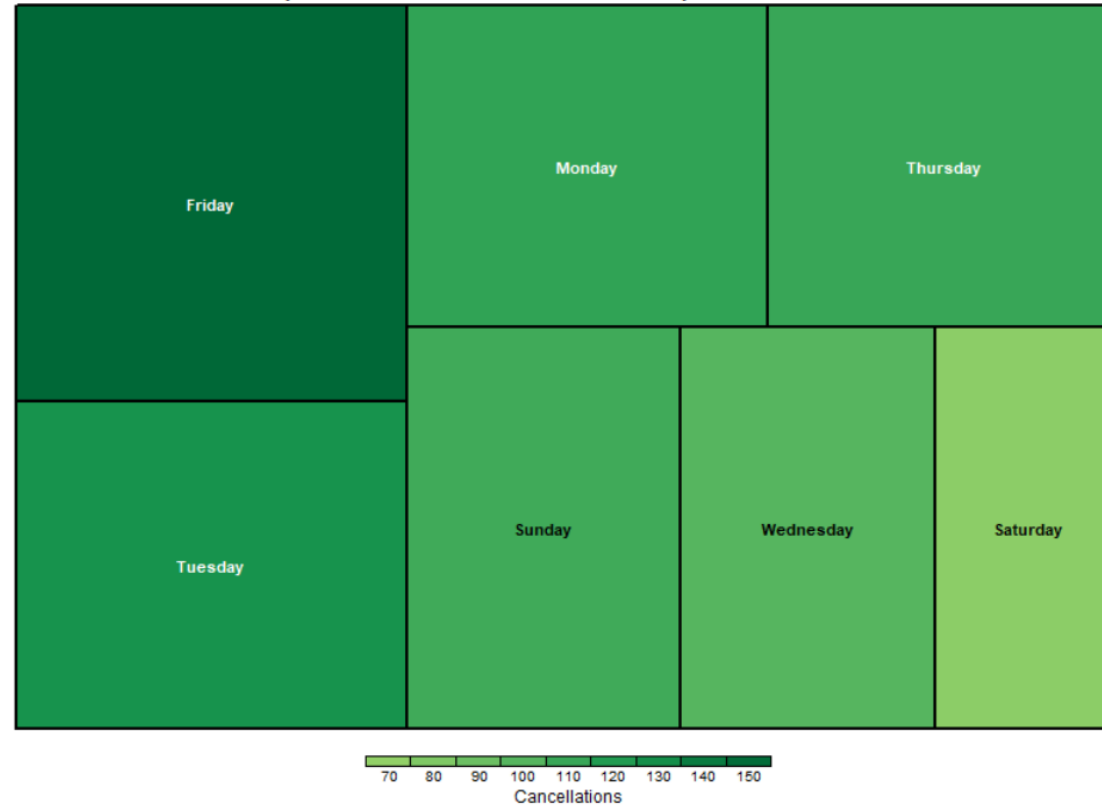
- ☒ Number of Flights for each Commercial Carrier
- ☐ Month wise Cancellations
- ☐ Commercial Carrier wise Cancellations
- ☐ Commercial Carrier wise Arrival Delay
- ☐ Commercial Carrier wise Departure Delay
- ☐ Day of the Week wise Cancellations
- ☐ Arrival Delay at Destination Airport
- ☐ Departure Delay at Origin Airport
- ☐ Cancellations at Origin Airport



Graphs

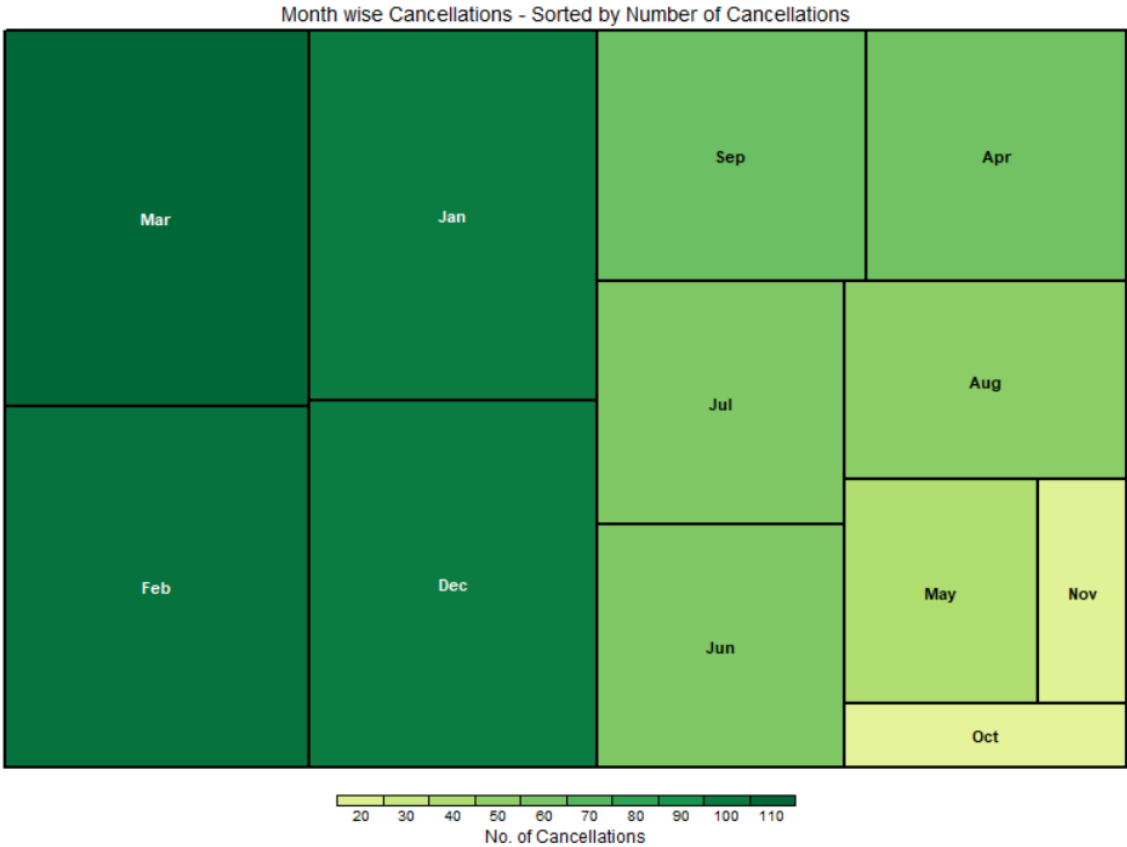
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Day Of the Week wise Cancellations - Sorted by No. of Cancellations



Graphs

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THANK YOU

The good traveler has
no fixed plans, and is
not intent on arriving.

- Laozi
Chinese philosopher

