

1) Defining the problem statement In this project, we study the data which is in tabular format using various Python libraries like Pandas, Numpy, Matplotlib and Seaborn.

We study different columns of the table and try to co-relate them with others and find a relation between those two.

We try to find and analyze those key factors like class of travel, duration of fight, etc. which helps us understand the pricing of tickets to plan and schedule our air travel in efficient way

About the dataset:

- 1) Airline: The name of the airline company is stored in the airline column. It is a categorical feature having 6 different airlines.
- 2) Flight: Flight stores information regarding the plane's flight code. It is a categorical feature.
- 3) Source City: City from which the flight takes off. It is a categorical feature having 6 unique cities.
- 4) Departure Time: This is a derived categorical feature obtained created by grouping time periods into bins. It stores information about the departure time and have 6 unique time labels.
- 5) Stops: A categorical feature with 3 distinct values that stores the number of stops between the source and destination cities.
- 6) Arrival Time: This is a derived categorical feature created by grouping time intervals into bins. It has six distinct time labels and keeps information about the arrival time.
- 7) Destination City: City where the flight will land. It is a categorical feature having 6 unique cities.
- 8) Class: A categorical feature that contains information on seat class; it has two distinct values: Business and Economy.
- 9) Duration: A continuous feature that displays the overall amount of time it takes to travel between cities in **Hours**.
- 10) Days Left: This is a derived characteristic that is calculated by subtracting the trip date by the booking date.
- 11) Price: Target variable stores information of the ticket price.

```
In [1]: import pandas as pd  
import matplotlib.pyplot as plt  
import seaborn as sns  
import os
```

```
import warnings  
warnings.filterwarnings("ignore")
```

```
In [2]: df = pd.read_csv("C:\\\\Users\\\\Admin\\\\Desktop\\\\PythonFiles\\\\data_science\\\\Indian_airlines_analysis\\\\Indian_Airlines.csv")  
df.head(20)
```

```
Out[2]:
```

	airline	flight	source_city	departure_time	stops	arrival_time	destination_city	class	duration	days_left	price
0	SpiceJet	SG-8709	Delhi	Evening	zero	Night	Mumbai	Economy	2.17	1	5953
1	SpiceJet	SG-8157	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.33	1	5953
2	AirAsia	I5-764	Delhi	Early_Morning	zero	Early_Morning	Mumbai	Economy	2.17	1	5956
3	Vistara	UK-995	Delhi	Morning	zero	Afternoon	Mumbai	Economy	2.25	1	5955
4	Vistara	UK-963	Delhi	Morning	zero	Morning	Mumbai	Economy	2.33	1	5955
5	Vistara	UK-945	Delhi	Morning	zero	Afternoon	Mumbai	Economy	2.33	1	5955
6	Vistara	UK-927	Delhi	Morning	zero	Morning	Mumbai	Economy	2.08	1	6060
7	Vistara	UK-951	Delhi	Afternoon	zero	Evening	Mumbai	Economy	2.17	1	6060
8	GO_FIRST	G8-334	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.17	1	5954
9	GO_FIRST	G8-336	Delhi	Afternoon	zero	Evening	Mumbai	Economy	2.25	1	5954
10	GO_FIRST	G8-392	Delhi	Afternoon	zero	Evening	Mumbai	Economy	2.25	1	5954
11	GO_FIRST	G8-338	Delhi	Morning	zero	Afternoon	Mumbai	Economy	2.33	1	5954
12	Indigo	6E-5001	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.17	1	5955
13	Indigo	6E-6202	Delhi	Morning	zero	Afternoon	Mumbai	Economy	2.17	1	5955
14	Indigo	6E-549	Delhi	Afternoon	zero	Evening	Mumbai	Economy	2.25	1	5955
15	Indigo	6E-6278	Delhi	Morning	zero	Morning	Mumbai	Economy	2.33	1	5955
16	Air_India	AI-887	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.08	1	5955
17	Air_India	AI-665	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.17	1	5955
18	AirAsia	I5-747	Delhi	Evening	one	Early_Morning	Mumbai	Economy	12.25	1	5949
19	AirAsia	I5-747	Delhi	Evening	one	Morning	Mumbai	Economy	16.33	1	5949

```
In [3]: df.shape
```

```
out[3]: (300153, 11)
```

```
In [4]: # for col in df.columns:  
#     if df[col].dtype == "O":  
#         print(col, ":", df[col].unique())  
  
for col in df.columns:  
    print("{} field has {} unique number of values, Dtype: {}".format(col, df[col].nunique(), df[col].dtype))  
    print("{} has unique values: {}".format(col, df[col].unique()))  
    print("")
```

```
'airline' field has 6 unique number of values, Dtype: object
'airline' has unique values: ['SpiceJet' 'AirAsia' 'Vistara' 'GO_FIRST' 'Indigo' 'Air_India']

'flight' field has 1561 unique number of values, Dtype: object
'flight' has unique values: ['SG-8709' 'SG-8157' 'I5-764' ... '6E-7127' '6E-7259' 'AI-433']

'source_city' field has 6 unique number of values, Dtype: object
'source_city' has unique values: ['Delhi' 'Mumbai' 'Bangalore' 'Kolkata' 'Hyderabad' 'Chennai']

'departure_time' field has 6 unique number of values, Dtype: object
'departure_time' has unique values: ['Evening' 'Early_Morning' 'Morning' 'Afternoon' 'Night' 'Late_Night']

'stops' field has 3 unique number of values, Dtype: object
'stops' has unique values: ['zero' 'one' 'two_or_more']

'arrival_time' field has 6 unique number of values, Dtype: object
'arrival_time' has unique values: ['Night' 'Morning' 'Early_Morning' 'Afternoon' 'Evening' 'Late_Night']

'destination_city' field has 6 unique number of values, Dtype: object
'destination_city' has unique values: ['Mumbai' 'Bangalore' 'Kolkata' 'Hyderabad' 'Chennai' 'Delhi']

'class' field has 2 unique number of values, Dtype: object
'class' has unique values: ['Economy' 'Business']

'duration' field has 476 unique number of values, Dtype: float64
'duration' has unique values: [ 2.17  2.33  2.25  2.08 12.25 16.33 11.75 14.5  15.67  3.75  2.5   5.83
  8.    6.   14.67 16.17 18.   23.17 24.17  8.83  4.5   15.25 11.   19.08
 22.83 26.42 17.75 19.58 26.67 15.17 20.83 11.42 22.25 26.   21.75  3.83
  4.42  7.67  8.33 10.42 23.75 19.5   6.5   12.42 21.08 28.17 28.25  9.25
 17.92  7.08 13.83  7.58 15.83 24.42  4.17  4.25  5.08 29.33 17.   27.17
 24.75  5.75 12.75 13.75 17.83  5.5   23.83  5.   26.5   12.83  8.92 11.17
 12.17 15.58 15.75  7.92 13.25 16.   22.75  6.33  7.25 30.08 18.25  6.08
  2.   12.33  3.5  10.25 14.17 25.58  4.08  9.75  6.67  9.67 10.08 12.58
  7.   8.25 15.5   10.17 23.5  25.75 11.5   21.42 14.25  7.75  5.33  5.67
  4.75 19.33  6.25 10.33  9.08 15.42  4.83 25.83  7.5   27.58 28.42  6.42
 24.58 16.5   11.33 24.83 14.92 26.08  5.42 28.5   27.33  8.67 20.42 20.08
  5.92 20.58 26.17 17.5   18.33 21.83 26.83 13.42 19.25 23.58 23.92 12.08
 14.42 25.92 18.58 13.08  4.58 21.58 10.5   11.67  8.58 24.67 14.75 17.17
  7.33  9.17 11.58 23.08 25.25 21.25  8.42 10.92 14.   4.92 25.08 12.67
 28.08 21.33 14.33 14.83 15.33 15.92  9.5   27.75 24.92 22.58  6.58  9.33
 13.   13.58 11.08  5.58 15.   6.75  9.83 11.25 11.83  9.58  8.5   14.08
 10.58 22.17 22.08  8.75 15.08 25.5   16.42 18.92  2.42  3.92 24.5   23.
 10.   19.   16.58  7.83  3.17 16.25 24.08  4.67  6.92 13.67 25.   8.08
 17.08  7.42 22.5   12.92  6.17 23.67  5.17 13.33 17.25 25.42 29.17  9.
  9.42  8.17 26.58 22.33 12.5   21.   24.25 27.5   18.17 16.67  2.83  2.75
```

```
2.92 3.    7.17 25.67 2.67 10.83 18.5  21.17 23.33 24.    17.33 27.42
26.25 4.33  9.92 19.67 26.33 16.92 25.33 27.25 27.92 27.    12.    10.67
28.   21.67 21.92 13.92 13.5   2.58 22.42 24.33 18.08 29.58 29.67 31.25
33.17 36.92 20.25 22.92 6.83  5.25 20.67 17.58 19.17 17.42 11.92 31.5
19.83 27.08 26.92 21.5   6.07 16.83 20.5   18.67 10.75 18.42 28.58 19.92
20.   22.    29.83 19.42 25.17 3.08 18.75 27.83 20.17 20.33 20.75 28.67
35.83 34.83 23.25 26.75 19.75 27.67 16.08 30.25 28.75 30.58 18.83 13.17
30.5   29.5   28.83 30.67 17.67 14.58 29.    28.33 39.67 16.75 1.92 37.42
36.42 23.42 22.67 33.75 30.83 28.92 1.83  3.67  4.    1.58  1.67  1.75
20.92 33.5   30.33 35.25 31.83 40.    31.67 32.08 36.17 30.75 33.83 34.5
31.08 30.17 36.08 33.33 37.    34.08 37.08 1.42  1.33  1.5   37.83 29.25
34.25 36.83 3.42 31.58 33.58 34.58 32.17 1.17  35.17 37.67 37.25 39.75
31.   37.75 33.25 31.17 29.92 31.92 41.58 37.17 32.    35.5  39.    31.42
34.33 38.58 33.67 3.33  3.58 34.17 37.33 35.42 30.    33.08 38.83 32.67
29.42 35.08 32.5   29.75 1.08  1.    32.42 1.25  34.92 35.75 31.75 33.
34.75 36.58 41.83 36.5   33.42 36.25 40.67 0.92  37.58 0.83 40.75 47.75
36.   40.42 33.92 30.42 40.5   29.08 38.5   34.67 6.98 30.92 35.58 3.25
39.83 37.92 37.5   39.08 38.75 34.42 40.92 13.4   31.33 42.    32.75 32.33
32.83 35.92 32.25 38.67 38.33 39.25 41.08 32.92 36.75 35.67 35.33 49.83
34.   47.08 45.83 39.42 39.92 32.58 44.5   41.5 ]
```

```
'days_left' field has 49 unique number of values, Dtype: int64
'days_left' has unique values: [ 1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
49]
```

```
'price' field has 12157 unique number of values, Dtype: int64
'price' has unique values: [ 5953  5956  5955 ... 87051 74731 77105]
```

```
In [5]: df.isna().sum()      #There are no Null values in the dataset
```

```
Out[5]: airline          0
flight           0
source_city       0
departure_time    0
stops             0
arrival_time      0
destination_city  0
class              0
duration           0
days_left          0
price              0
dtype: int64
```

```
In [6]: df[df["flight"] == "SG-8157"]
```

	airline	flight	source_city	departure_time	stops	arrival_time	destination_city	class	duration	days_left	price
1	SpiceJet	SG-8157	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.33	1	5953
138	SpiceJet	SG-8157	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.33	2	5955
252	SpiceJet	SG-8157	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.33	3	5953
401	SpiceJet	SG-8157	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.33	4	5953
568	SpiceJet	SG-8157	Delhi	Early_Morning	zero	Morning	Mumbai	Economy	2.33	5	5953
...
41885	SpiceJet	SG-8157	Delhi	Early_Morning	one	Night	Chennai	Economy	15.00	42	5107
41886	SpiceJet	SG-8157	Delhi	Early_Morning	one	Early_Morning	Chennai	Economy	25.67	42	5107
42056	SpiceJet	SG-8157	Delhi	Early_Morning	one	Night	Chennai	Economy	15.00	43	5107
42057	SpiceJet	SG-8157	Delhi	Early_Morning	one	Early_Morning	Chennai	Economy	25.67	43	5107
42226	SpiceJet	SG-8157	Delhi	Early_Morning	one	Night	Chennai	Economy	15.00	44	4942

131 rows × 11 columns

Question 1: What are the number of flights operated by each Airline???

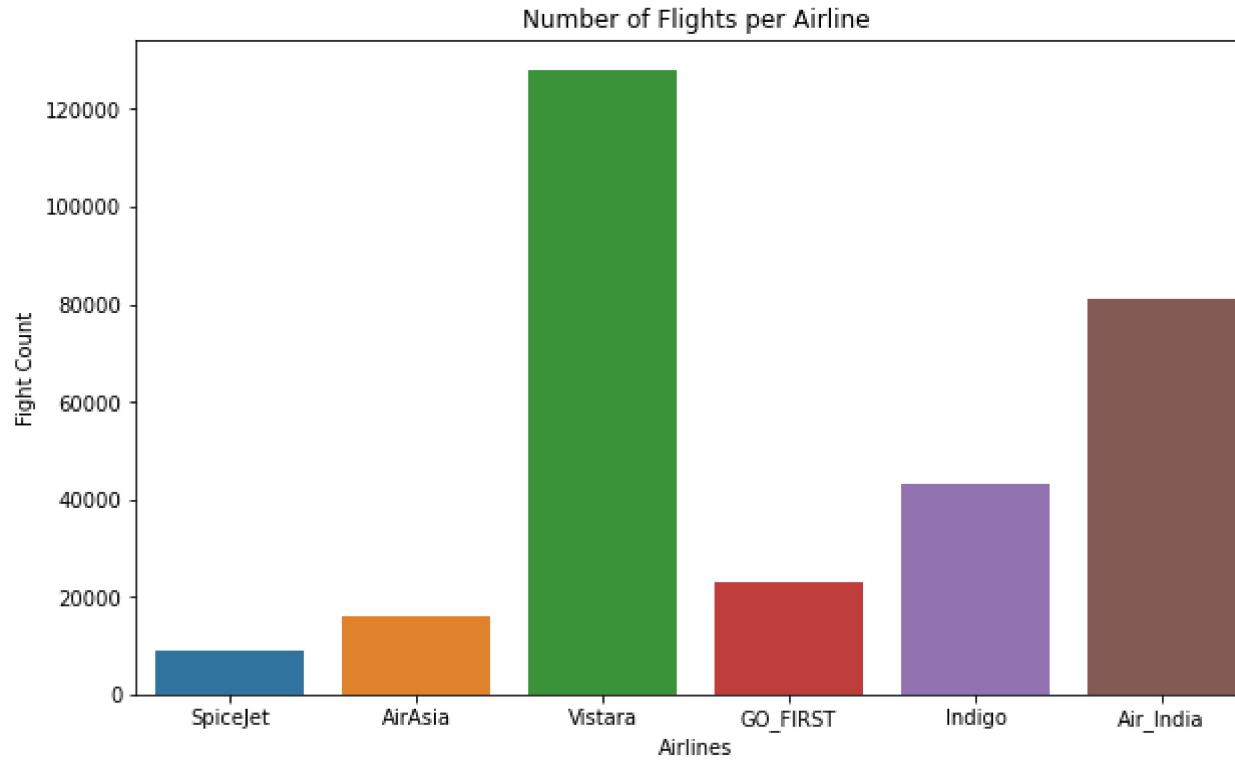
```
In [7]: df.groupby("airline")["flight"].count()
```

```
Out[7]: airline
AirAsia      16098
Air_India    80892
GO_FIRST     23173
Indigo       43120
SpiceJet     9011
Vistara     127859
Name: flight, dtype: int64
```

SOLUTION1 : The number of flights associated with each airline is as follows: AirAsia (16,098), Air_India (80,892), GO_FIRST (23,173), Indigo (43,120), SpiceJet (9,011), Vistara (127,859)

The diagram below gives the representation of the solution above:

```
In [8]: plt.figure(figsize=(10,6))
A = sns.countplot(x="airline",data=df)
A.set(xlabel = "Airlines" , ylabel = "Flight Count",title="Number of Flights per Airline")
plt.show()
```



Question 2: What is the price range according to the class of travel???

```
In [9]: df[df["price"] == df["price"].min()].head()
print("The minimum flight price is:", 1105)
```

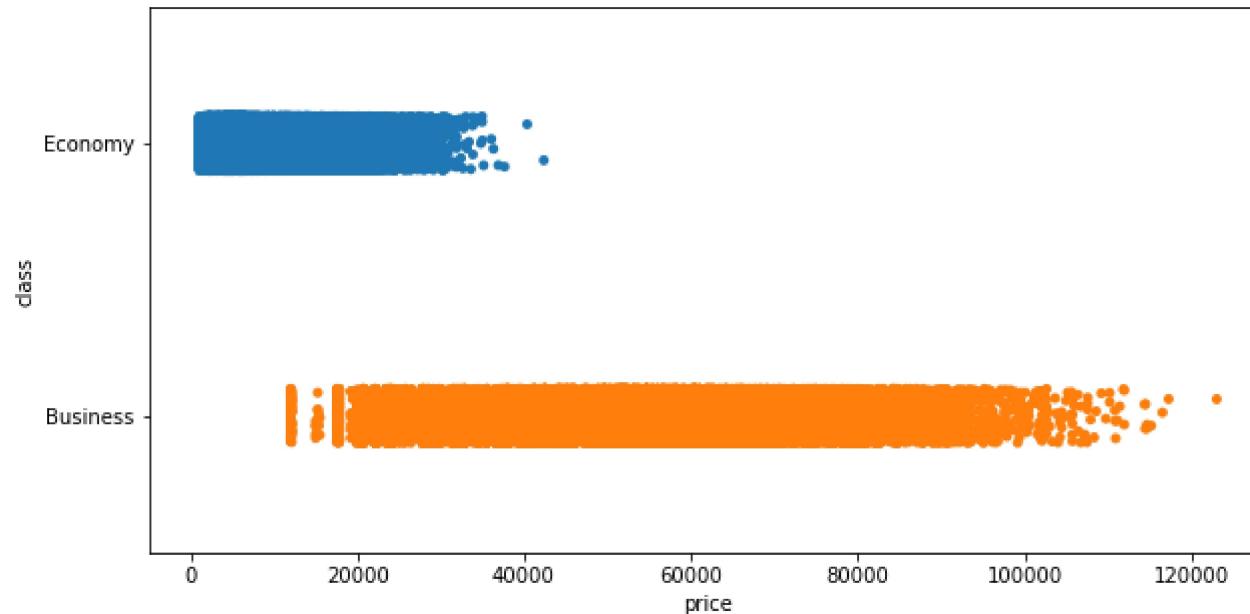
The minimum flight price is: 1105

```
In [10]: df[df["price"] == df["price"].max()]
print("The maximum flight price is:", 123071, " and it is by the 'Vistara' Airline")
```

The maximum flight price is: 123071 and it is by the 'Vistara' Airline

```
In [11]: plt.figure(figsize=(10,5))
A = sns.stripplot(x = "price", y = "class" ,data = df)
# A.axvline(2500)
# A.axvLine(22500)
# A.axvLine(25000,color="r")
# A.axvLine(95000,color="r")

plt.show()
```



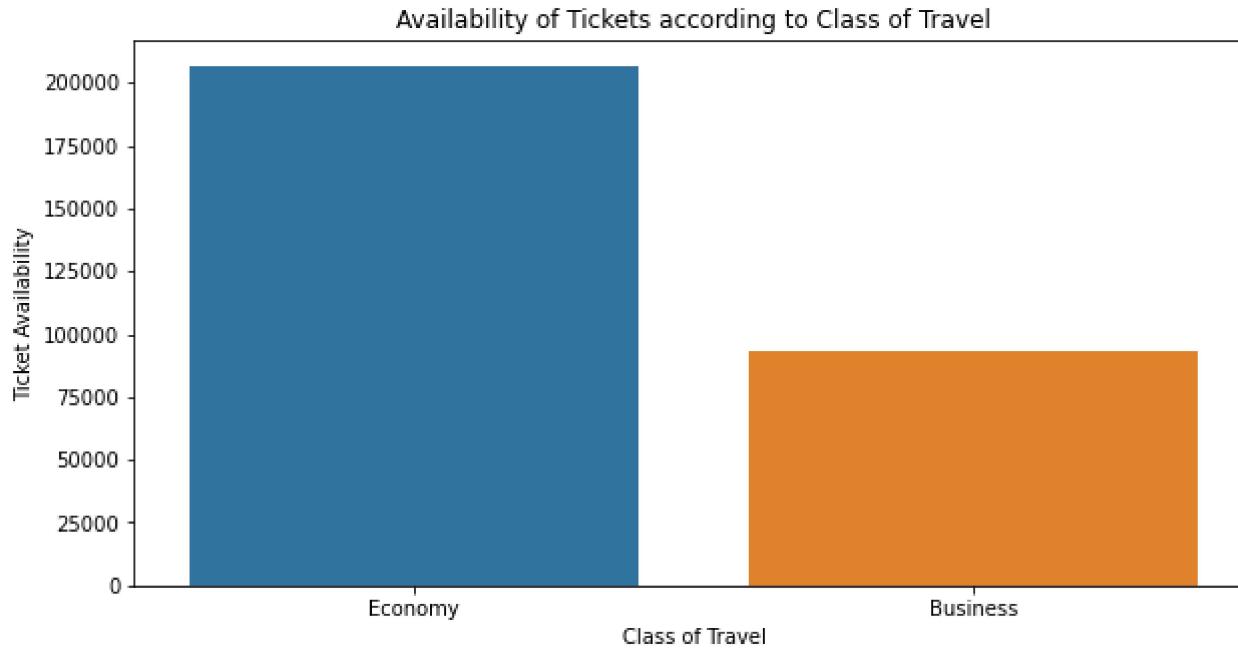
From the diagram above, we can conclude that the price range of Business class is between 20000 & 95000 while that of Economy class is between 2000 - 25000

Question 3: What is the availability of Tickets according to Class of Travel???

```
In [12]: plt.figure(figsize=(10,5))

A = sns.countplot(x="class", data = df)
A.set(title="Availability of Tickets according to Class of Travel", xlabel = "Class of Travel", ylabel = "Ticket Availability")

# dir(sns)
plt.show()
```

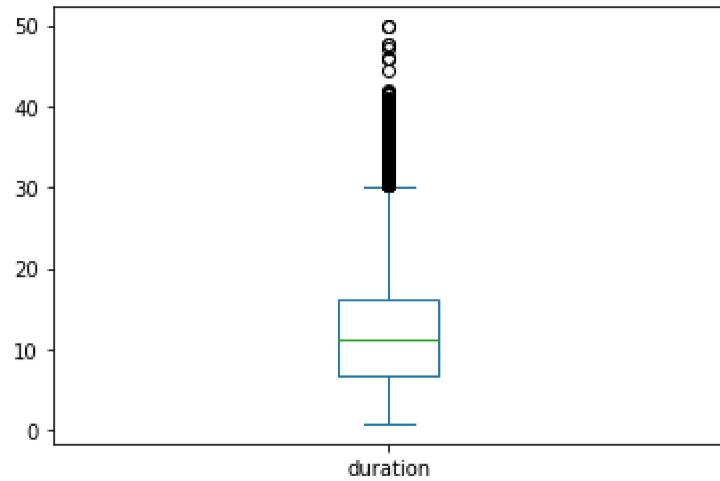


Solution 3: From the diagram above, the `Economy` class had over 20,000 Tickets while the `Business` class had nearly 10,000 Tickets: meaning that the availability of `Economy` class was nearly as twice as the `Business` class

Question 4: What is the Price of Ticket for different Airlines based on the Duration of Flight???

```
In [13]: df["duration"].plot.box()
```

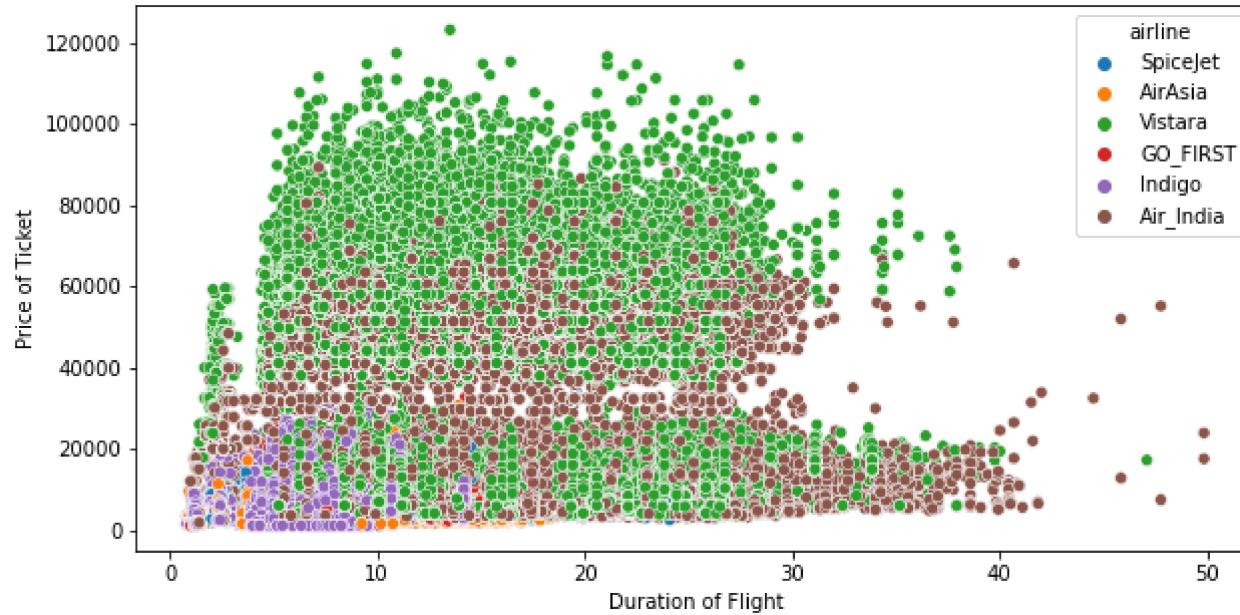
```
Out[13]: <AxesSubplot:>
```



```
In [14]: df.groupby(["airline","duration"]).mean()["price"]
```

```
Out[14]: airline    duration
AirAsia    0.92      2137.000000
           1.00      2123.644444
           1.08      2581.423913
           1.17      2372.707143
           1.25      2181.877193
...
Vistara    38.83     13840.000000
           39.00     20293.000000
           39.75     18746.500000
           40.00     19400.000000
           47.08     17223.000000
Name: price, Length: 1597, dtype: float64
```

```
In [15]: plt.figure(figsize=(10,5))
A = sns.scatterplot( x = df['duration'],y = df['price'], hue= df["airline"])
A.set(xlabel="Duration of Flight",ylabel = "Price of Ticket")
plt.show()
```



Solution 4: By observing the figure above, we can see the distribution of ticket prices varying with the duration of Flight

Question 5: How does the Price of Ticket vary with the Duration of Flight???

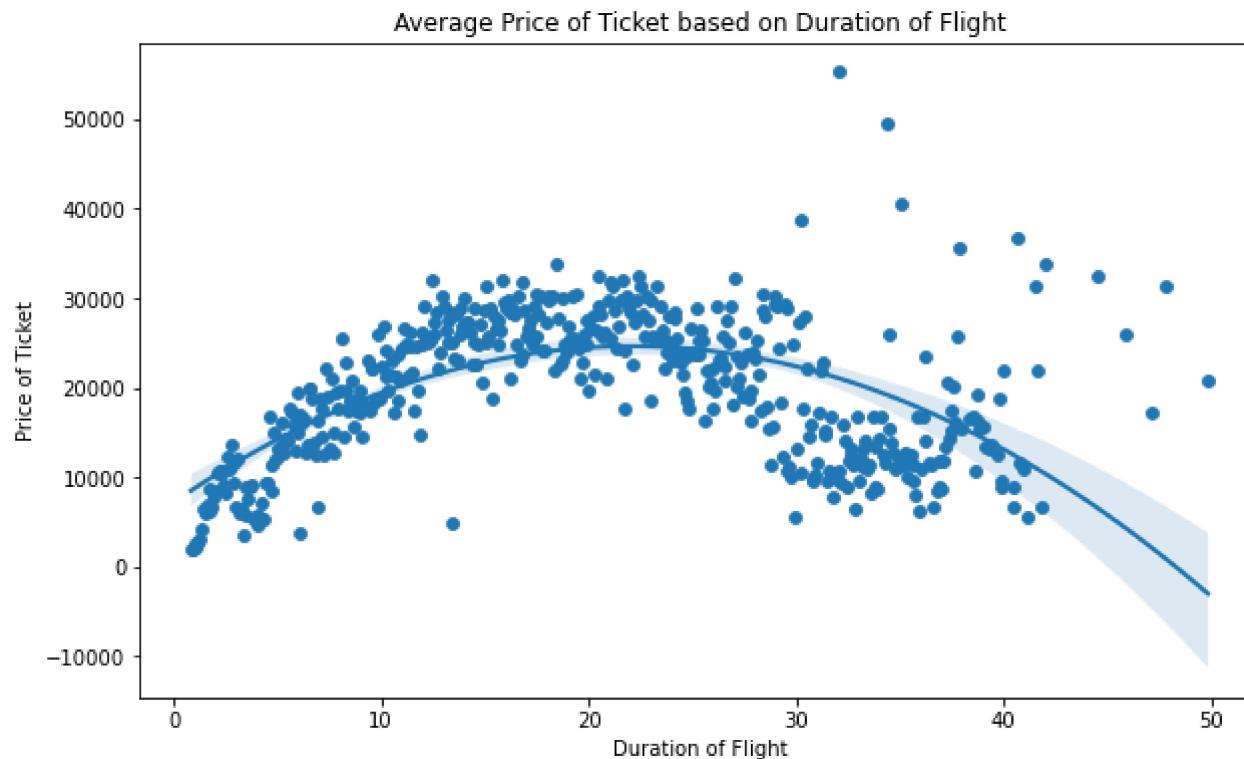
```
In [16]: df.groupby("duration").mean()["price"]
```

```
Out[16]: duration
0.83    1973.557692
0.92    2003.538462
1.00    2266.063660
1.08    2589.311031
1.17    2632.209375
...
44.50    32439.000000
45.83    25851.333333
47.08    17223.000000
47.75    31291.500000
49.83    20714.500000
Name: price, Length: 476, dtype: float64
```

```
In [17]: plt.figure(figsize=(10,6))
tmp_df = df.groupby(["duration"])['price'].mean().reset_index()
A = sns.scatterplot(x = 'duration',y ="price", data= tmp_df, )
A = sns.regplot(x="duration",y="price",data = tmp_df, order= 2)
```

```
A.set(xlabel="Duration of Flight",ylabel="Price of Ticket",title="Average Price of Ticket based on Duration of Flight")
# A.axvline(20 , color ='r')

plt.show()
```



Solution 5: From the figure above, we see that there exists a non-linear relationship between the `Duration` of ticket and the average `Price` of Flight

Question 6: How do `Ticket Prices` vary according to `Departure` time & `Arrival` time???

```
In [18]: df.groupby(["departure_time","arrival_time"])["price"].mean()
```

```
Out[18]:
```

	departure_time	arrival_time
Afternoon	Afternoon	14741.746011
	Early_Morning	21159.511401
	Evening	15548.836651
	Late_Night	10811.615662
	Morning	26056.580994
	Night	19097.798757
Early_Morning	Afternoon	16564.731082
	Early_Morning	9540.191523
	Evening	24804.077441
	Late_Night	29638.037500
	Morning	12299.838792
	Night	25792.007764
Evening	Afternoon	25569.672277
	Early_Morning	18175.929529
	Evening	24612.547643
	Late_Night	8547.029235
	Morning	28326.216482
	Night	15641.705242
Late_Night	Afternoon	18520.684932
	Early_Morning	4548.700599
	Evening	21217.106383
	Late_Night	4288.291971
	Morning	7104.374684
	Night	29439.811321
Morning	Afternoon	13271.433547
	Early_Morning	22625.786578
	Evening	21636.529952
	Late_Night	23624.505755
	Morning	17548.738563
	Night	26827.897551
Night	Afternoon	28115.362126
	Early_Morning	12075.785461
	Evening	31425.824194
	Late_Night	6590.831766
	Morning	25573.642137
	Night	17817.956009

Name: price, dtype: float64

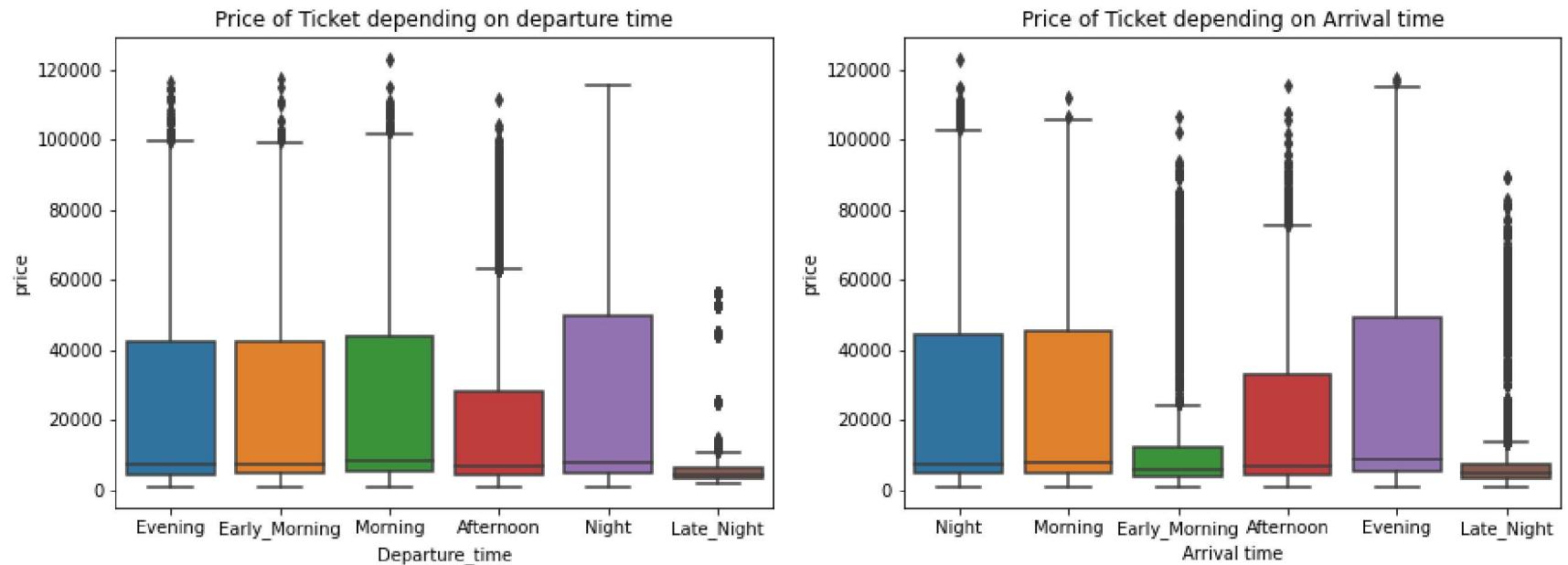
```
In [19]:
```

```
plt.figure(figsize=(15,5))
plt.subplot(1,2,1)
A = sns.boxplot(data=df, y= "price", x="departure_time")
A.set(xlabel="Departure_time", title="Price of Ticket depending on departure time")

plt.subplot(1,2,2)
```

```
B = sns.boxplot(data=df, y= "price", x="arrival_time")
B.set(xlabel="Arrival time",title="Price of Ticket depending on Arrival time")
```

```
plt.show()
```



Solution 6: We can see that flights departing at late night & also arriving at late night are usually the cheapest amongst others

Question 7: How do the prices vary based on the number of stops & Airline???

```
In [20]: df.groupby("stops").mean()["price"].reset_index(name="price").sort_values("price",ascending=False)
```

```
Out[20]:
```

	stops	price
0	one	22900.992482
1	two_or_more	14113.450775
2	zero	9375.938535

```
In [21]: plt.figure()
fig, axs = plt.subplots(1,2,gridspec_kw = {"width_ratios": [3,1]}, figsize=(19,5))
A = sns.barplot(y="price",x="airline", data=df.loc[df["class"] == "Economy"].sort_values("price" ,ascending=False),ax =
```

```

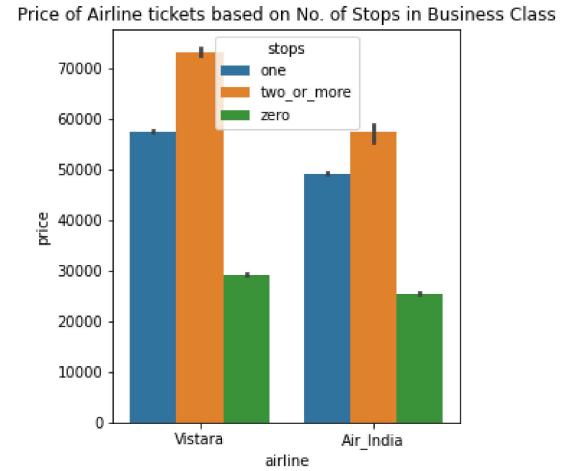
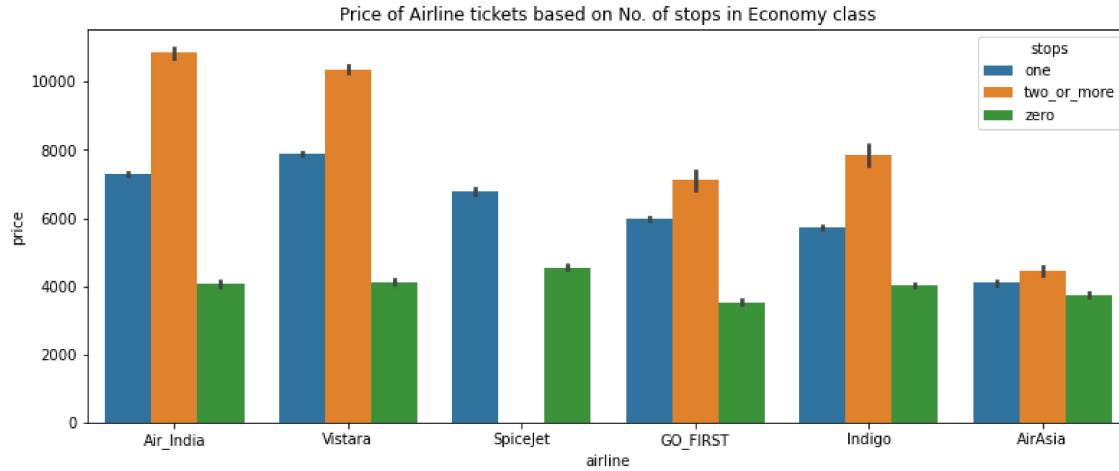
A.set(title="Price of Airline tickets based on No. of stops in Economy class")

B = sns.barplot(x="airline", y="price", data=df.loc[df["class"] == "Business"].sort_values("price" ,ascending=False),ax
B.set(title="Price of Airline tickets based on No. of Stops in Business Class")

plt.show()

```

<Figure size 432x288 with 0 Axes>



Solution 7: From the chart above, we can see that the price of Airline tickets with zero stops are the cheapest while flights . One can also note that SpiceJet Airline do not have flights with two or more stops(2+ stops). AirAsia particularly seems to show little variation between its non-stop, one-stop and two or more stops.

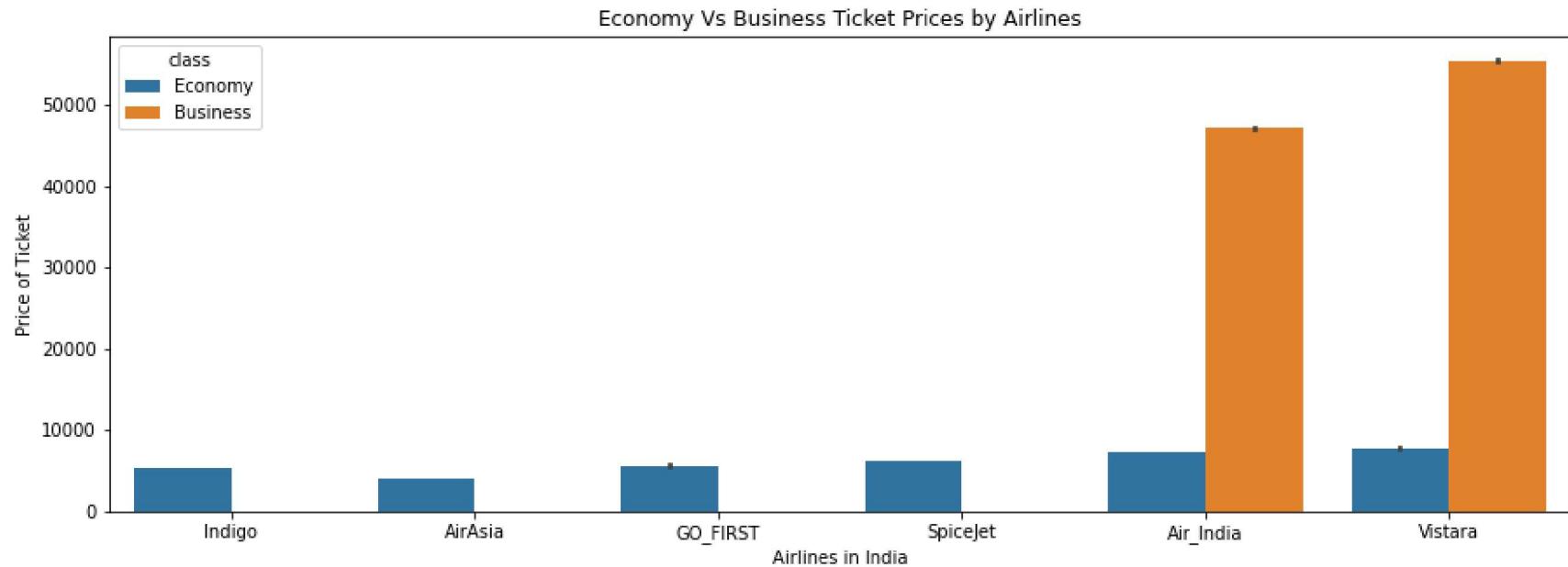
Question 8: How do prices vary across different airlines and class of Travel???

In [22]: `df.groupby(["airline", "class"])["price"].mean()`

```
Out[22]: airline    class
AirAsia    Economy    4091.072742
Air_India  Business   47131.039212
              Economy   7313.682169
GO_FIRST   Economy   5652.007595
Indigo     Economy   5324.216303
SpiceJet   Economy   6179.278881
Vistara    Business  55477.027777
              Economy   7806.943645
Name: price, dtype: float64
```

```
In [23]: plt.figure(figsize = (15,5))
A = sns.barplot(data=df.sort_values("price"), x = "airline" , y="price",hue="class")
A.set(title="Economy Vs Business Ticket Prices by Airlines", xlabel='Airlines in India', ylabel='Price of Ticket')

plt.show()
```



Solution 8: From the figure above, we can see AirAsia offers the cheapest price Tickets & that 'Business' class tickets for 'Vistara' cost much higher than 'Air India'

```
In [24]: df[(df["airline"] == "Vistara") & (df["flight"] == "UK-996")]["source_city"].value_counts()
```

```
Out[24]: Mumbai      1266  
Name: source_city, dtype: int64
```

```
In [25]: df[df["airline"] == "Vistara"]["flight"].unique()
```

```
Out[25]: array(['UK-995', 'UK-963', 'UK-945', 'UK-927', 'UK-951', 'UK-933',  
   'UK-813', 'UK-817', 'UK-819', 'UK-801', 'UK-815', 'UK-955',  
   'UK-627', 'UK-899', 'UK-747', 'UK-809', 'UK-737', 'UK-871',  
   'UK-977', 'UK-637', 'UK-835', 'UK-705', 'UK-707', 'UK-673',  
   'UK-879', 'UK-837', 'UK-985', 'UK-953', 'UK-683', 'UK-859',  
   'UK-829', 'UK-706', 'UK-839', 'UK-833', 'UK-847', 'UK-855',  
   'UK-981', 'UK-975', 'UK-993', 'UK-943', 'UK-941', 'UK-811',  
   'UK-807', 'UK-727', 'UK-812', 'UK-671', 'UK-741', 'UK-721',  
   'UK-641', 'UK-994', 'UK-910', 'UK-958', 'UK-960', 'UK-940',  
   'UK-944', 'UK-996', 'UK-988', 'UK-651', 'UK-863', 'UK-851',  
   'UK-613', 'UK-875', 'UK-852', 'UK-853', 'UK-773', 'UK-771',  
   'UK-825', 'UK-775', 'UK-970', 'UK-928', 'UK-823', 'UK-621',  
   'UK-865', 'UK-841', 'UK-877', 'UK-655', 'UK-954', 'UK-930',  
   'UK-986', 'UK-950', 'UK-902', 'UK-653', 'UK-873', 'UK-849',  
   'UK-845', 'UK-857', 'UK-821', 'UK-827', 'UK-861', 'UK-820',  
   'UK-802', 'UK-810', 'UK-808', 'UK-816', 'UK-818', 'UK-858',  
   'UK-657', 'UK-850', 'UK-854', 'UK-755', 'UK-867', 'UK-814',  
   'UK-897', 'UK-893', 'UK-864', 'UK-846', 'UK-866', 'UK-778',  
   'UK-772', 'UK-776', 'UK-774', 'UK-738', 'UK-720', 'UK-708',  
   'UK-880', 'UK-860', 'UK-890', 'UK-870', 'UK-830', 'UK-876',  
   'UK-878', 'UK-874', 'UK-659', 'UK-898', 'UK-894', 'UK-838',  
   'UK-836', 'UK-832', 'UK-834', 'UK-822', 'UK-824', 'UK-826',  
   'UK-828'], dtype=object)
```

```
In [40]: df["stops"] = df["stops"].replace({"zero":0 , "one":1,"two_or_more":2})  
df[(df["airline"] == "Vistara") & (df["flight"] == "UK-996") & (df["days_left"] == 1)  
   & (df["arrival_time"] == "Morning") & (df["departure_time"] == "Evening")].head(150)
```

Out[40]:

	airline	flight	source_city	departure_time	stops	arrival_time	destination_city	class	duration	days_left	price
52888	Vistara	UK-996	Mumbai	Evening	1	Morning	Bangalore	Economy	16.33	1	16653
52892	Vistara	UK-996	Mumbai	Evening	1	Morning	Bangalore	Economy	17.33	1	17073
70363	Vistara	UK-996	Mumbai	Evening	1	Morning	Hyderabad	Economy	15.17	1	16233
77353	Vistara	UK-996	Mumbai	Evening	1	Morning	Chennai	Economy	15.42	1	16653
230011	Vistara	UK-996	Mumbai	Evening	1	Morning	Bangalore	Business	16.33	1	78240
230012	Vistara	UK-996	Mumbai	Evening	1	Morning	Bangalore	Business	17.33	1	78240

In [30]: `pd.options.display.max_rows`

Out[30]: 150