

# AIRLINES DATA ANALYTICS FOR AVIATION INDUSTRY

TEAM ID:PNT2022TMID11538

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

In [6]: `# reading the database  
data = pd.read_csv("airports.csv")`

In [7]: `data.head()`

Out[7]:

	id	ident	type	name	latitude_deg	longitude_deg	elevation_ft	continent	iso_country	iso_region	municipality	scheduled_service	gps_
0	6523	00A	heliport	Total Rt Heliport	40.070801	-74.933601	11.0	NaN	US	US-PA	Bensalem	no	
1	323361	00AA	small_airport	Aero B Ranch Airport	38.704022	-101.473911	3435.0	NaN	US	US-KS	Leoti	no	
2	6524	00AK	small_airport	Lowell Field	59.947733	-151.692524	450.0	NaN	US	US-AK	Anchor Point	no	
3	6525	00AL	small_airport	Epps Airpark	34.864799	-86.770302	820.0	NaN	US	US-AL	Harvest	no	
4	6526	00AR	closed	Newport Hospital & Clinic Heliport	35.608700	-91.254898	237.0	NaN	US	US-AR	Newport	no	

In [ ]: `data.describe()`

In [ ]:

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67310 542104 ZZWW Scandium City Heliport  
67311 313629 ZZZZ small\_airport Satsuma Iōjima Airport

	latitude_deg	longitude_deg	elevation_ft	continent	iso_country	iso_region	municipality	scheduled_service	gps_code	iata_code
67307	51.894444	1.482500	40.0	EU	GB	GB-ENG	Sealand	0	NaN	NaN
67308	-11.584278	47.296389	11.0	AF	TF	TF-U-A	Grande Glorieuse	0	NaN	NaN
67309	32.110587	-97.356312	690.0	NaN	US	US-TX	Blum	0	87TX	NaN
67310	69.355287	-138.939310	4.0	NaN	CA	CA-YT	(Old) Scandium City	0	ZZZW	ZYW
67311	36.784722	130.270556	338.0	AS	JP	JP-46	Mishima	0	RJX7	NaN

	local_code	home_link	wikipedia link	keywords
67307	NaN	<a href="http://www.sealandgov.org/">http://www.sealandgov.org/</a>	<a href="https://en.wikipedia.org/wiki/Principality_of_Seland">https://en.wikipedia.org/wiki/Principality_of_Seland</a>	Roughs Tower Heliport
67308	NaN	NaN	NaN	NaN
67309	87TX	NaN	NaN	NaN
67310	YK96	NaN	NaN	NaN
67311	RJX7	NaN	<a href="http://wikimapia.org/6705190/Satsuma-Iwojima">http://wikimapia.org/6705190/Satsuma-Iwojima</a>	SATSUMA, IWOJIMA, RJX7

In [11]: `sns.lineplot(df['latitude_deg'],df['longitude_deg'])  
plt.show()`

c:\Users\rlicsh\anaconda3\lib\site-packages\seaborn\decorators.py:36: FutureWarning: Pass the following variables as keyword args: x, y. From version 0.12, the only valid positional argument will be "data", and passing other arguments without an exp

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