In [14]:
```
import pandas as pd
```

Part I - Data import

1. Creating the new data frame

In [15]:
```
# Get 2019, 2020 and 2021 data of worldwide flights during the month of July
data2019 = pd.read_csv("flightlist_20190701_20190731.csv")
data2020 = pd.read_csv("flightlist_20200701_20200731.csv")
data2021 = pd.read_csv("flightlist_20210701_20210731.csv")
```

In [16]:
```
data2019.head()
data2020.head()
data2021.head()
```

Out[16]:

	callsign	number	icao24	registration	typecode	origin	destination	firstseen	la
0	HAL1915	NaN	a48379	N390HA	A332	KTCM	NaN	2021-06-30 00:04:09+00:00	2021 01:06:51
1	ETH728	NaN	040141	NaN	NaN	KEWR	EBBR	2021-06-30 02:06:58+00:00	2021 04:45:06
2	ACI410A	NaN	3a3493	F-ONET	A339	RJAA	NZAA	2021-06-30 03:19:14+00:00	2021 04:19:20
3	OAE7881	NaN	a45199	N378AX	B763	YBBN	KBFI	2021-06-30 04:25:46+00:00	2021 08:47:15
4	SIA244	NaN	76cd07	NaN	NaN	YBBN	WSAC	2021-06-30 04:34:26+00:00	2021 06:13:09

In [17]:
```
# Filtering the data to obtain each destination airport separately

# Year 2019
dataROME2019 = data2019[data2019['destination'] == 'LIRF']
print(f'The number of flights with destination to Rome during July 2019 were: {len
dataMILAN2019 = data2019[data2019['destination'] == 'LIMC']
print(f'The number of flights with destination to Milan during July 2019 were: {le
dataVENICE2019 = data2019[data2019['destination'] == 'LIPZ']
print(f'The number of flights with destination to Venice during July 2019 were: {l
dataBOLOGNA2019 = data2019[data2019['destination'] == 'LIPE']
print(f'The number of flights with destination to Bologna during July 2019 were: {
dataBERGAMO2019 = data2019[data2019['destination'] == 'LIME']
print(f'The number of flights with destination to Bergamo during July 2019 were: {

# Year 2020
dataROME2020 = data2020[data2020['destination'] == 'LIRF']
print(f'The number of flights with destination to Rome during July 2020 were: {len
dataMILAN2020 = data2020[data2020['destination'] == 'LIMC']
print(f'The number of flights with destination to Milan during July 2020 were: {le
dataVENICE2020 = data2020[data2020['destination'] == 'LIPZ']
print(f'The number of flights with destination to Venice during July 2020 were: {l
dataBOLOGNA2020 = data2020[data2020['destination'] == 'LIPE']
print(f'The number of flights with destination to Bologna during July 2019 were: {
dataBERGAMO2020 = data2020[data2020['destination'] == 'LIME']
print(f'The number of flights with destination to Bergamo during July 2019 were: {
```

```
# Year 2021
dataROME2021 = data2021[data2021['destination'] == 'LIRF']
print(f'The number of flights with destination to Rome during July 2020 were: {len
dataMILAN2021 = data2021[data2021['destination'] == 'LIMC']
print(f'The number of flights with destination to Milan during July 2020 were: {le
dataVENICE2021 = data2021[data2021['destination'] == 'LIPZ']
print(f'The number of flights with destination to Venice during July 2020 were: {l
dataBOLOGNA2021 = data2021[data2021['destination'] == 'LIPE']
print(f'The number of flights with destination to Bologna during July 2019 were: {
dataBERGAMO2021 = data2021[data2021['destination'] == 'LIME']
print(f'The number of flights with destination to Bergamo during July 2019 were: {
```

```
6151
```

In [22]:
```
# Creating a new .csv file for each airport destination and year

#Year 2019
dataROME2019.to_csv('ROME2019.csv')
dataMILAN2019.to_csv('MILAN2019.csv')
dataVENICE2019.to_csv('VENICE2019.csv')
dataBOLOGNA2019.to_csv('BOLOGNA2019.csv')
dataBERGAMO2019.to_csv('BERGAMO2019.csv')

#Year 2020
dataROME2020.to_csv('ROME2020.csv')
dataMILAN2020.to_csv('MILAN2020.csv')
dataVENICE2020.to_csv('VENICE2020.csv')
dataBOLOGNA2020.to_csv('BOLOGNA2020.csv')
dataBERGAMO2020.to_csv('BERGAMO2020.csv')

#Year 2021
dataROME2021.to_csv('ROME2021.csv')
dataMILAN2021.to_csv('MILAN2021.csv')
dataVENICE2021.to_csv('VENICE2021.csv')
dataBOLOGNA2021.to_csv('BOLOGNA2021.csv')
dataBERGAMO2021.to_csv('BERGAMO2021.csv')
```