

```

import pandas as pd
import matplotlib.pyplot as plt

# Read data from CSV file
df = pd.read_csv("flightdataupdated.csv")

# Extract the year from the 'Month' column
df['Year'] = df['Month'].str.extract('(\d{4})')

# Choose the year you want to analyze
selected_year = '2020'

# Filter data for the selected year
data_selected_year = df[df['Year'] == selected_year]

# Group by airport and calculate the total passengers for each airport
total_passengers_by_airport = data_selected_year.groupby('Airport')['VALUE'].sum().reset_index()

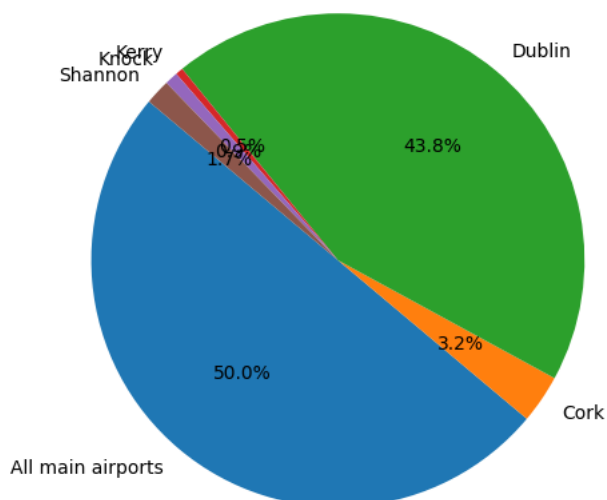
# Extracting labels and values
labels = total_passengers_by_airport['Airport']
values = total_passengers_by_airport['VALUE']

# Plotting the pie chart
plt.figure(figsize=(10, 6))
plt.pie(values, labels=labels, autopct='%1.1f%%', startangle=140)
plt.title(f'Total Passenger Distribution in {selected_year}')
plt.show()

```



Total Passenger Distribution in 2020



```

import pandas as pd
import matplotlib.pyplot as plt

# Read data from CSV file
df = pd.read_csv("flightdataupdated.csv")

# Extract the year from the 'Month' column
df['Year'] = df['Month'].str.extract('(\d{4})')

# Choose the year you want to analyze
selected_year = '2021'

# Filter data for the selected year
data_selected_year = df[df['Year'] == selected_year]

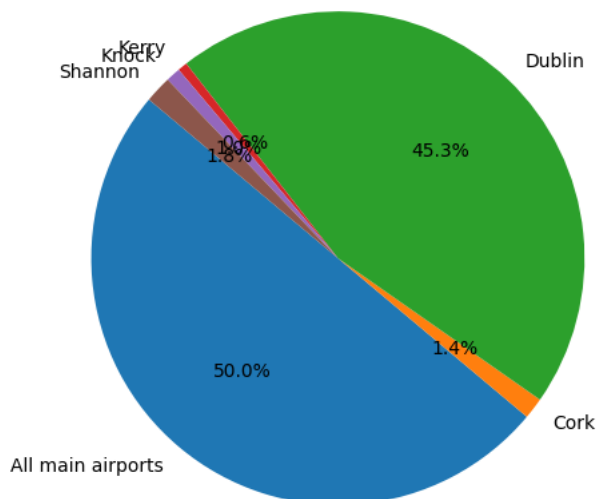
# Group by airport and calculate the total passengers for each airport
total_passengers_by_airport = data_selected_year.groupby('Airport')['VALUE'].sum().reset_index()

# Extracting labels and values
labels = total_passengers_by_airport['Airport']
values = total_passengers_by_airport['VALUE']

# Plotting the pie chart
plt.figure(figsize=(10, 6))
plt.pie(values, labels=labels, autopct='%1.1f%%', startangle=140)
plt.title(f'Total Passenger Distribution in {selected_year}')
plt.show()

```

Total Passenger Distribution in 2021



```

import pandas as pd
import matplotlib.pyplot as plt

# Read data from CSV file
df = pd.read_csv("flightdataupdated.csv")

# Extract the year from the 'Month' column
df['Year'] = df['Month'].str.extract('(\d{4})')

# Choose the year you want to analyze
selected_year = '2022'

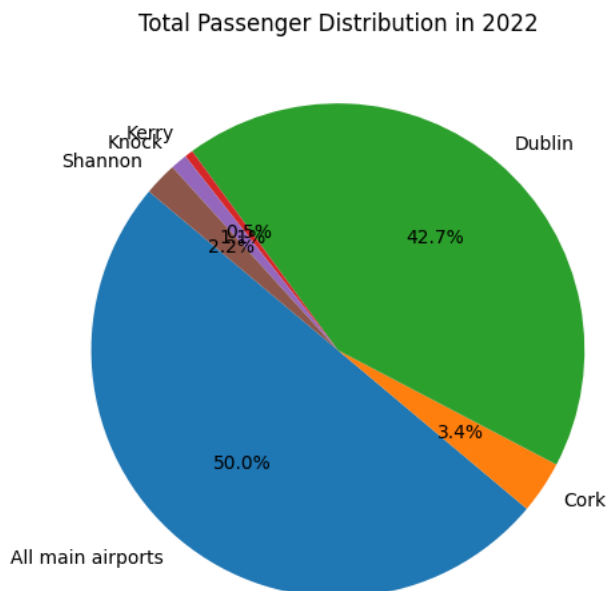
# Filter data for the selected year
data_selected_year = df[df['Year'] == selected_year]

# Group by airport and calculate the total passengers for each airport
total_passengers_by_airport = data_selected_year.groupby('Airport')['VALUE'].sum().reset_index()

# Extracting labels and values
labels = total_passengers_by_airport['Airport']
values = total_passengers_by_airport['VALUE']

# Plotting the pie chart
plt.figure(figsize=(10, 6))
plt.pie(values, labels=labels, autopct='%1.1f%%', startangle=140)
plt.title(f'Total Passenger Distribution in {selected_year}')
plt.show()

```



```
import pandas as pd
```