In [ ]:
```
#The data analysed in this notebook were curated from Coca-Cola's Financial Re
The steps taken included:
a. Appraisal of the reports and selection of the Annual Report as the choice d
b. Downloading and storing the selected files
c. Checking the file format
d. Running and understanding the file
e. Identifying data of interest
f. cleaning data
g. Transforming data into the form currently being analysed in this notebook
```

In [30]:
```
import pandas as pd
import matplotlib.pyplot as plt
```

In [57]:
```
df1=pd.read_excel(r'C:\Users\Chinenye Claire\Desktop\Hamoye Internship\Part E\
```

In [58]:
```
df=pd.read_excel(r'C:\Users\Chinenye Claire\Desktop\Hamoye Internship\Part E\U
```

In [59]:
```
df1.head()
```

Out[59]:

	Country	2009	2010	2011	2012	Average Consumption	Region
0	India	9	11	12	14	11.50	Asia-Pacific
1	Mali	9	12	12	13	11.50	Eurasia & Africa
2	Indonesia	13	13	14	15	13.75	Asia-Pacific
3	Pakistan	15	15	17	21	17.00	Asia-Pacific
4	Nigeria	28	28	27	26	27.25	Eurasia & Africa

In [60]:
```
df.head()
```

Out[60]:

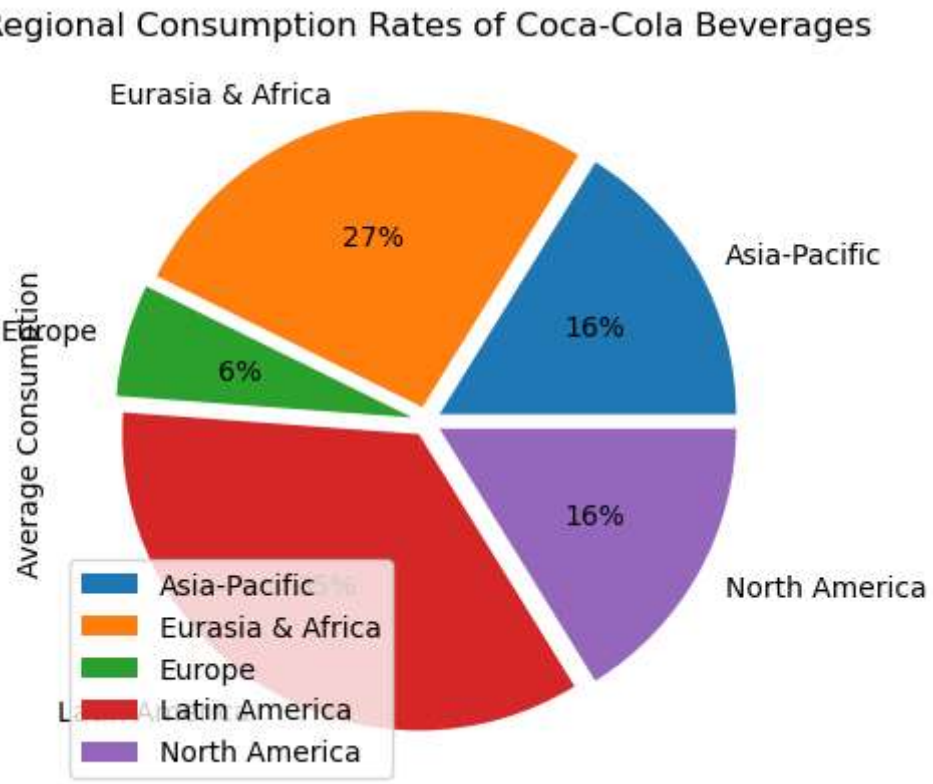
	Region	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Average
0	Eurasia & Africa	0.15	0.16	0.16	0.18	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.160000
1	Europe	0.16	0.16	0.15	0.14	0.14	0.13	0.13	0.13	0.14	0.14	0.13	0.140909
2	Latin America	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.28	0.27	0.27	0.27	0.281818
3	North America	0.23	0.22	0.22	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.206364
4	Asia-Pacific	0.18	0.18	0.18	0.18	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.209091

In [65]:
```
plt.figure(figsize=(4, 2))
explode= (0.05, 0.05, 0.05, 0.05, 0.05)
df1.groupby(['Region']).sum().plot(kind='pie', y='Average Consumption', autopc
```

```
C:\Users\Chinenye Claire\AppData\Local\Temp\ipykernel_12692\1957243658.py:3:
FutureWarning: The default value of numeric_only in DataFrameGroupBy.sum is d
eprecated. In a future version, numeric_only will default to False. Either sp
ecify numeric_only or select only columns which should be valid for the funct
ion.
  df1.groupby(['Region']).sum().plot(kind='pie', y='Average Consumption', aut
opct='%1.0f%%', title='Regional Consumption Rates of Coca-Cola Beverages', ex
plode=explode)
```

Out[65]:
```
<Axes: title={'center': 'Regional Consumption Rates of Coca-Cola Beverages'},
ylabel='Average Consumption'>

<Figure size 400x200 with 0 Axes>
```



In [67]:
```
plt.figure(figsize=(4, 2))
Mylabels= ('Eurasia & Africa', 'Europe', 'Latin America', 'North America', 'As
explode= (0.05, 0.05, 0.05, 0.05, 0.05)
df.plot(kind='pie', y='Average', autopct='%1.0f%%', title='Unit Case Volume Di
```

Out[67]:
```
<Axes: title={'center': 'Unit Case Volume Distribution of Coca-Cola Beverage
s'}, ylabel='Average'>

<Figure size 400x200 with 0 Axes>
```