1: List the causes of death and percentile in Ohio state in the year 2012

In [3]:

```
#import required libraries
import pandas as pd
import matplotlib.pyplot as plt
%matplotlib inline
```

In [11]:

```
pwd
```

Out[11]:

```
'C:\\Users\\Dell'
```

In [21]:

```
df=pd.read_csv("Ohio_state_data.txt",header=None,names=list(range(0,10)))
df
```

Out[21]:

	0	1	2	3	4	5	6	7	8	9
0	cause of deaths	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
1	----------	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2	Chronic Disease	Unintetional Injuries	Alzheimers	Infuenza and Pneumonia	Sepsis	Others	NaN	NaN	NaN	NaN
3	Percentile (in order with cause of deaths as m...	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
4	---------- -...	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
5	62	5	4	2	1	26	NaN	NaN	NaN	NaN

In [23]:

```
# View the plot
%matplotlib inline
```

In [28]:

```
#cause of deaths
cause="Chronic Disease","Unintenstional injuries","Alzheimers","infuenza and Pneumonia","
sepsis","others"

#percentile
percentile=[62,5,4,2,1,26]
```

2: Draw a pie chart using the two data points

In [2]:

```
#set figure size
plt.figure(figsize=(10,10))
```

In [ ]:

```
#explode the largest pie in the data set
explode=[0.05,0,0,0,0,0]
```

In [ ]:

```
#set pie chart properties
plt.pie(percentile,labels=cause,explode=explode,autopct='%1.1f%%',startangle=90)
```

In [ ]:

```
#set axis equal to draw pie as circle
plt.axis("equal")
```

In [ ]:

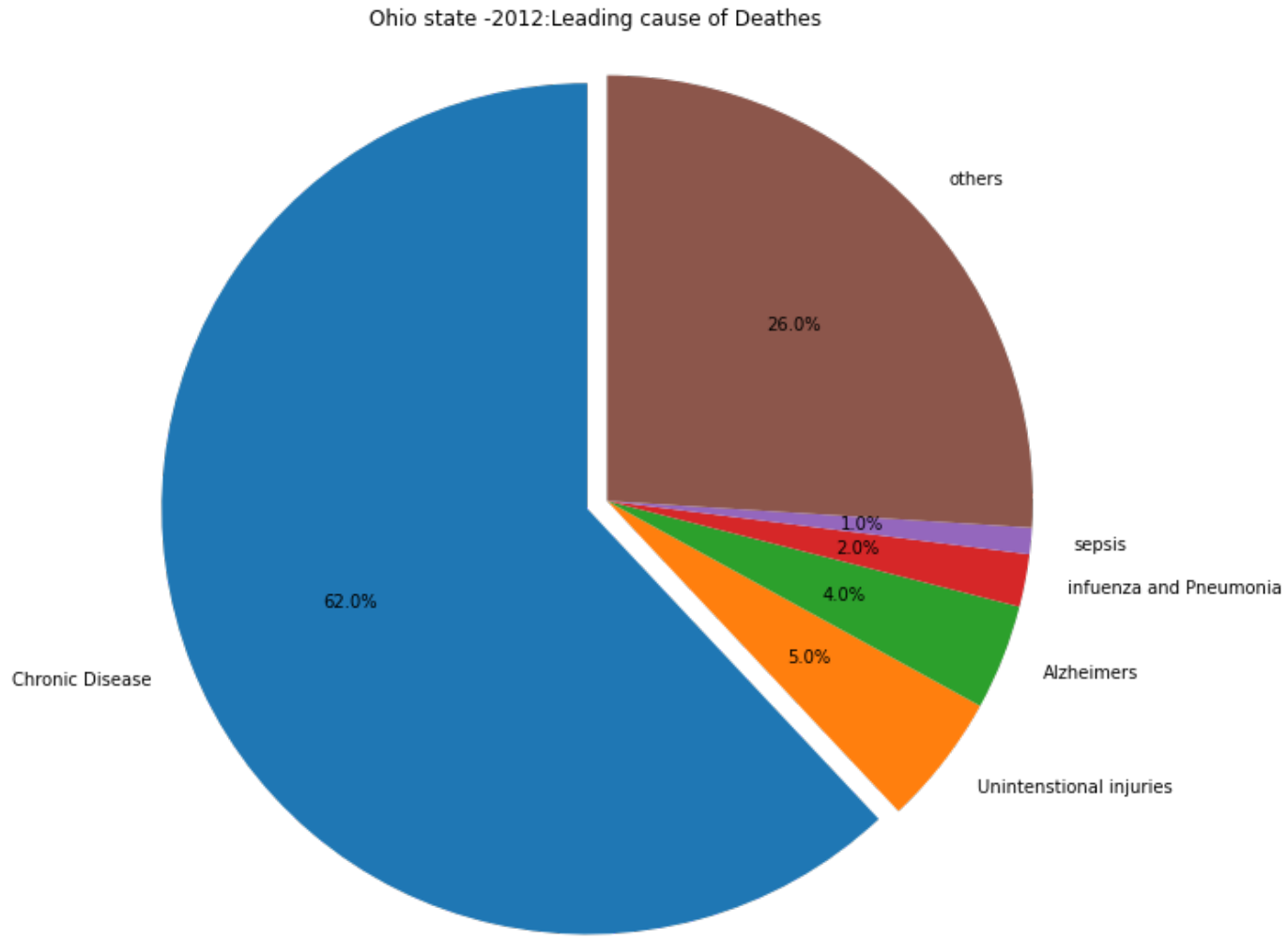
```
#set title of the pie chart
plt.title("Ohio state -2012:Leading cause of Deathes")
```

In [31]:

```
#show the plot (pie chart)
plt.show()
```

In [32]:

```
#set the pie chart plot properties
plt.figure(figsize=(10,10))
explode=[0.05,0,0,0,0,0]
plt.pie(percentile,labels=cause,explode=explode,autopct='%1.1f%%',startangle=90)
plt.axis("equal")
plt.title("Ohio state -2012:Leading cause of Deathes")
plt.show()
```



In [33]:

```
print("sucessfully completed a Project on Ohio-state cause of Death")
```

```
sucessfully completed a Project on Ohio-state cause of Death
```

In [34]:

In [34]:

```
print("Thank You Simplilearn")
```

```
Thank You Simplilearn
```

In [ ]:

```

```