

# Assignment\_10\_02\_Completed

July 19, 2020

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

```
[2]: #import required libraries
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
%matplotlib inline
```

```
[ ]: # View the plot
```

```
[3]: #cause of deaths
cause_of_deaths = 'Chronic Disease', 'Unintentional 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

```
[ ]: #set the pie chart plot properties
```

```
[4]: #set figure size
plt.figure(figsize=(10, 10))
```

```
[4]: <Figure size 720x720 with 0 Axes>
```

```
<Figure size 720x720 with 0 Axes>
```

```
[16]: #explode the largest pie in the data set
explode = (0.15,0,0,0,0,0)
```

```
[17]: #set title of the pie chart
plt.title('Death Cause percentiles in Ohio state')

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

#set pie chart properties
```

```
plt.pie(percentile, labels=cause_of_deaths,explode=explode, autopct='%1.1f%%',
→startangle=70)

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

Death Cause percentiles in Ohio state

