In [8]:

```
import numpy as np
import pandas as pd
from scipy import stats
from scipy.stats import norm
```

Sample Mean = 200 , Sample standard deviation = 30 , n = 2000.

In [10]:

```
#Average weight of Adult in Mexico with 94% CI
stats.norm.interval(0.94, 200, 30/(2000**0.5))
```

Out[10]:

```
(198.738325292158, 201.261674707842)
```

In [11]:

```
# Average weight of Adult in Mexico with 98%
stats.norm.interval(0.98,200,30/(2000**0.5))
```

Out[11]:

```
(198.43943840429978, 201.56056159570022)
```

In [12]:

```
# Average weight of Adult in Mexico with 96%
stats.norm.interval(0.96,200,30/(2000**0.5))
```

Out[12]:

```
(198.62230334813333, 201.37769665186667)
```

In [ ]:

```

```