In [1]:

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

In [2]:

```python
#z-score of 90% confidence interval is Area = (1+CI)/2 = (1+.90)/2 = 0.95
stats.norm.ppf(0.95)
```

Out[2]:

1.6448536269514722

In [3]:

```python
#z-score of 94% confidence interval is Area = (1+CI)/2 = (1+.94)/2 = 0.97
stats.norm.ppf(0.97)
```

Out[3]:

1.8807936081512509

In [4]:

```python
#z-score of 60% confidence interval is Area = (1+CI)/2 = (1+.60)/2 = 0.80
stats.norm.ppf(0.8)
```

Out[4]:

0.8416212335729143

In [ ]: