POR LA REALIZACIÓN PLENA DEL SER

UNIVERSIDAD AUTÓNOMA DE BAJA CALIFORNIA

ESTADISTICA AVANZADA

PROF. JUAN IVAN NIETO HIPOLITO

REPORTE DE PRACTICA
INTERVALOS DE CONFIANZA PARA MEDIAS

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EJERCICIO:

```python
import numpy as np
from statsmodels.stats.proportion import proportion_confint

count_houses_with_tv = 275
total_houses = 500

conf_interval = proportion_confint(count=count_houses_with_tv, nobs=total_houses, alpha=0.1, method='normal')

print("90% confidence interval for the proportion of houses with 2 or more TVs:")
print(conf_interval)
```

```
In [12]: runfile('C:/Users/kevin/Desktop/UABC/TercerSemestre/Estadistica Avanzada/
Practica 4/Practica3.py', wdir='C:/Users/kevin/Desktop/UABC/TercerSemestre/
Estadistica Avanzada/Practica 4')
90% confidence interval for the proportion of houses with 2 or more TVs:
(0.513404317060926, 0.586595682939074)
```