Participant

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FAO GRAPH

In [ ]:
```python
import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd
import numpy as np
```

In [ ]:
```python
data = pd.read_csv ("undernourished.csv")
data
```

Out[ ]:

	Domain Code	Domain	Area Code	Area	Element Code	Element	Item Code	Item	Year Code
0	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20002002
1	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20012003
2	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20022004
3	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20032005
4	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20042006
5	FS	Suite of Food Security	165	Pakistan	6132	Value	210011	Number of people undernourished	20052007

		Indicators						(million) (3-y...	
6	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20062008
7	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20072009
8	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20082010
9	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20092011
10	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20102012
11	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20112013
12	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20122014
13	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20132015
14	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20142016
15	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20152017
16	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20162018
17	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20172019
		Suite of						Number of	

18	FS	Food Security Indicators	165	Pakistan	6132	Value	210011	people undernourished (million) (3-y...	20182020

In [ ]:
```python
new_data1=data.iloc [15:19]
new_data
```

Out[ ]:

	Domain Code	Domain	Area Code	Area	Element Code	Element	Item Code	Item	Year Code
15	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20152017
16	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20162018
17	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20172019
18	FS	Suite of Food Security Indicators	165	Pakistan	6132	Value	210011	Number of people undernourished (million) (3-y...	20182020

In [ ]:
```python
new_data.to_csv ("Newdata1.csv")
```

In [ ]:
```python
data = pd.read_csv ("undernourished.csv")
sns.barplot (x="Year", y="Value", data=new_data)
plt.show
plt.title ("Number of people undernourished in Pakistan (million) (3-year
plt.ylabel("Million")
```

Out[ ]: Text(0, 0.5, 'Million')

Number of people undernourished in Pakistan (million) (3-year average)