

Explanation of the Steps taken in the assignment

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1 Loading The data

Import the numpy library and load the sales data into a variable `data` using function `numpy.load()`

```
import numpy as np
data = np.load("sales_data.npy")
```

Check the sales data, its dimensions and shape of the numpy array. assign the number of rows of the data into a variable `rows` and the number of columns into a variable `cols`

```
print(data,data.ndim,data.shape,sep="\n")
rows = data.shape[0]
cols = data.shape[1]
```

2 Slice the array to extract the sales data for the year 2022.

Since the data is arrange, we can slice the numpy array easily. Knowing that the data contains five months of each year.

```
data2022 = data[10:15,3]
print(data2022)
```

3 Calculate the total sales amount for each country for the year 2022.