In [3]:
```
import pandas as pd
```

In [4]:
```
pnl_df = pd.read_excel('accounting_heads_pnL.xlsx')
sample_df = pd.read_excel('Sample PnL.xlsx')
```

In [5]:
```
sample_df = sample_df.rename(columns={'Lines Selected for :' : 'Expenses'})
```

In [6]:
```
sample_df['ItemSeqNo'] = ""

# Iterate over rows of sample_df
for idx, r in sample_df.iterrows():
    # if our row is NA it continues
    if(pd.isna(r['Expenses']) ):
        continue

    is_seq_assigned = False
    # Iterating in pnl_df for finding ItemSeqNo
    for index, row in pnl_df.iterrows():
        keywords = row['keywords'].split(',')

        for keyword in keywords:
            # If the keyword is a subset of our expenses row, it assigns the value of ItemSeqNo
            if(keyword.lower() in r['Expenses'].lower()):
                sample_df.at[idx, 'ItemSeqNo'] = row["ItemSeqNo"]
                is_seq_assigned = True
    # If sequence is not assinged than assign NA
    if not is_seq_assigned:
        sample_df.at[idx, 'ItemSeqNo'] = "NA"
```

Exporting The Updated Sample Df

In [57]:
```
sample_df.to_excel("updated_sample_pnl.xlsx")
```