Outlier Detection and Handling

```
#Outlier Detection and Handling:
#Identify and remove outliers in the 'balance' column:
Q1 = new_bank_data['balance'].quantile(0.25)
Q3 = new_bank_data['balance'].quantile(0.75)
IQR= Q3-Q1

print(Q1)
print(Q3)
print(IQR)
```

```
#Outlier Detection and Handling:
#Identify and remove outliers in the 'age' column:
Q1 = new_bank_data['age'].quantile(0.25)
Q3 = new_bank_data['age'].quantile(0.75)
IQR= Q3-Q1

print(Q1)
print(Q3)
print(IQR)
```

```
Bank_data1=Bank_data[ ~((Bank_data['balance']<(Q1-1.5*IQR))|(Bank_data['balance']>(Q3+1.5*IQR)))]
print(Bank_data1)
```

```
Bank_data1=Bank_data[ ~((Bank_data['age']<(Q1-1.5*IQR))|(Bank_data['age']>(Q3+1.5*IQR)))]
print(Bank_data1)
```

```
import pandas as pd
Bank_data4 = Bank_data['age'].interpolate()
print(Bank_data4)
```

```
0        58
1        44
2        33
3        47
4        33
        ..
45206    51
45207    71
45208    72
45209    57
45210    37
Name: age, Length: 45211, dtype: int64
```

```
import pandas as pd
Bank_data4 = Bank_data['balance'].interpolate()
print(Bank_data4)
```

```
0        2143
1          29
2           2
3        1506
4           1
        ...
45206     825
45207    1729
45208    5715
45209     668
45210    2971
Name: balance, Length: 45211, dtype: int64
```

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