No

first\_business\_date = first\_busines\_date

(do nothing)

Yes

Yes

First\_business\_date = end\_date

end\_date >= customer\_df.iloc[len(customer\_df)-1+ 6motnhs

Yes

No

No

first\_business\_date = first\_busines\_date

(do nothing)

first\_business\_date = invoice date

Invoice\_date>=customer\_df.iloc[j-1,2] + 6 months

first\_business\_date = first\_busines\_date

(do nothing)

First\_business\_date = end\_date

end\_date >= customer\_df.iloc[len(customer\_df)-1+ 6motnhs

first\_business\_date = invoice date

No

No

Invoice\_date>=customer\_df.iloc[j-1,2] + 6 months

Yes

Yes

Yes

Is j == len(customer\_df)-1 (last row)

No

J==0