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Tips, Tricks, and Pitfalls
Level 5

I: Delete

How to have your code figure out "what is the first day" is actually something we have not yet covered in the lecture. It involves using a subquery, which is a query within your query.

Essentially instead of saying

"**WHERE COB_DATE = 20180101**"

You would write:

WHERE COB_DATE IN (

      SELECT MIN(COB_DATE) FROM….

)

Warning: You cannot use the table you are querying to delete in the sub-query, so I suggest searching for min date in TRADE_DATA_HIST

II: Update

5.2.1 The only way to have the last day selected automatically is similar to the above suggestion but also using a temporary table, something we have not covered yet. Given this, feel free to write out the date manually for this question. I encourage you to revisit this after module 7 and see if you can figure out the proper way to solve this.

 5.2.2 In case this wasn't clear, pick one ticker from SECURITY_INFO of your choosing. Change the end date of that ticker to today's date.

III: Insert

5.3.1 Use the same ticker from 5.2.2 for this example.

5.3.2 How do we know if a security is active? I can think of two ways:

- The end date is 99991231 (this means that the row in the dimension table is still in use)
- The delisted flag is "N" (This means the security has not been delisted and is still active)

Both of the above should be true for a security to be "Active"