

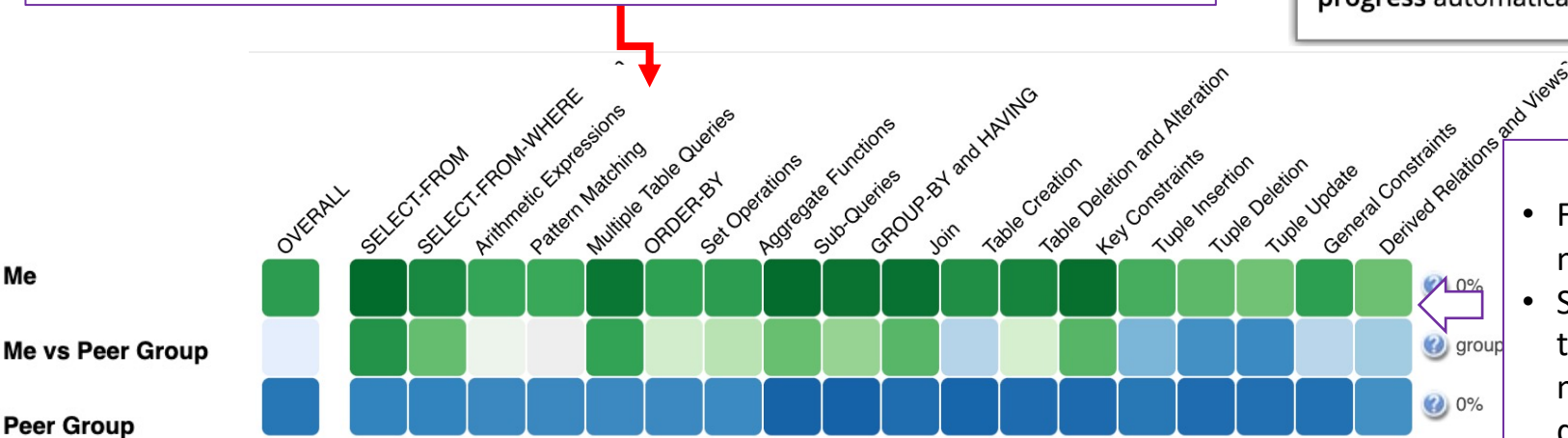
Based on your and your peers' progress in the system, the system will update your position in the slider automatically. Also, the average progress of the Peer group will be reflected as shown below based on your comparison peers.

This slider is to select your comparison peers based on the progress in the system.

Red colored vertical bar shows your current position in the class on 0-100 axis. The closer the bar to 100 means that your progress is closer to the highest progress among your peers

To select your comparison peers, you can use the handles or completely drag the **turquoise** colored horizontal bar (the group bar).

When you move the handles, you will notice that the visualization changes accordingly. Also, the system updates your position on the slider based on **your progress** automatically when you practice in the system.



Ranked list of students in Peer Group (you are 20th out of 69)

Show progress ranked list

Click the button above to load the list of other students (anonymized) and shows in which position you are in terms of progress

20. Me ->

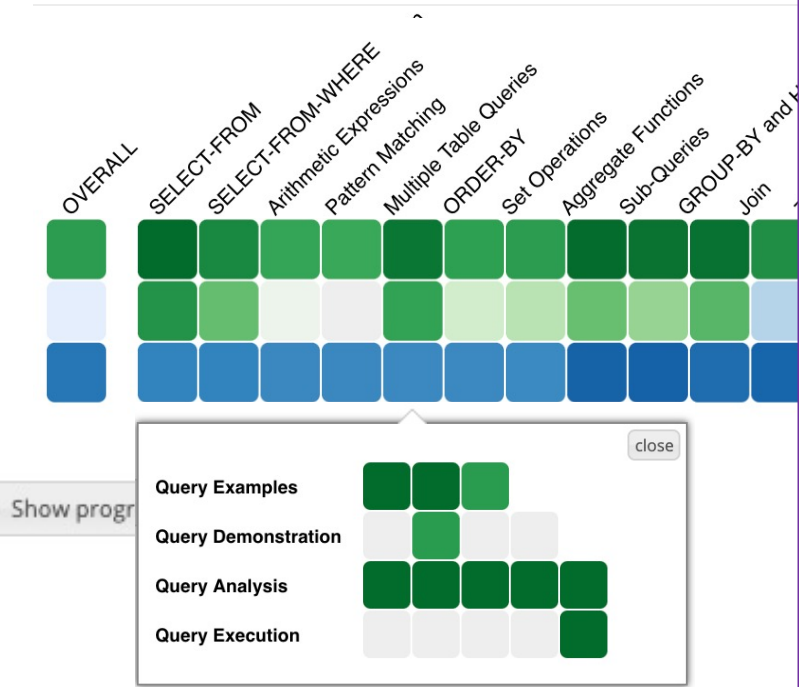
Progress Visualization

- First row (Me) shows **your progress** (Darker **green** means more progress on that topic)
- Second row (Me vs group) **compares your progress with the average progress of the selected peers** (Darker **green** means you have more progress than the Dynamic group; darker **blue** means they have more progress than you; grey means equal progress.
- Third row (Group) shows the **average progress of the selected peers** (Darker **blue** means more progress on that topic)

How to Increase your Progress?

To have more greener cells on **Me** row, you need to interact with the learning activities inside each topic.

Click on a topic cell as shown below and access the contents. Viewing query example lines, viewing query demonstrations, or solving problems will increase increase your progress (darker green colors)



Query Examples

View line by line annotations of SQL statements

```
SELECT S.name, E.cid
FROM Student S, Enrolled E
WHERE S.sid = E.sid AND E.grade = "A";
```

Query Analysis

You can write SQL statements to solve a given problem statement.

Query Demonstration

Check how an SQL statement is being executed. You can view intermediate results tables by clicking to Next, Previous buttons. You can also view which parts of the statement is being executed.

Database schema

course

course_student

instructor

student

Query:

```
select i.name_first, i.name_last, i.email from instructor i, course c where i.instructor_id = c.instructor_id and c.department = 'IS'
```

Previous

Next

☒ Highlight Previous Steps

instructor_id	name_first	name_last	email	departmer
2	John	Doe	john_doe@iou.edu	IS
4	Jill	Dont	jill_dont@iou.edu	IS

Query Execution

Similar to Query Analysis content, here you can solve more problems by writing SQL statements more freely.

Question

Find all actors and their film titles

select

Submit Answer

SQL-TUTOR

History

Student Model

Run Query

Help

Problem 272

Where was 'The Catcher in the Rye' published?

SELECT

FROM

WHERE

GROUP BY

HAVING

ORDER BY

Feedback Level

Simple Feedback

Submit Answer

Reset

Database schema for the given question	
Table Name	Schema-Sample Data(click +/- to show/hide sample data)
accident(+)	report_number,date,location