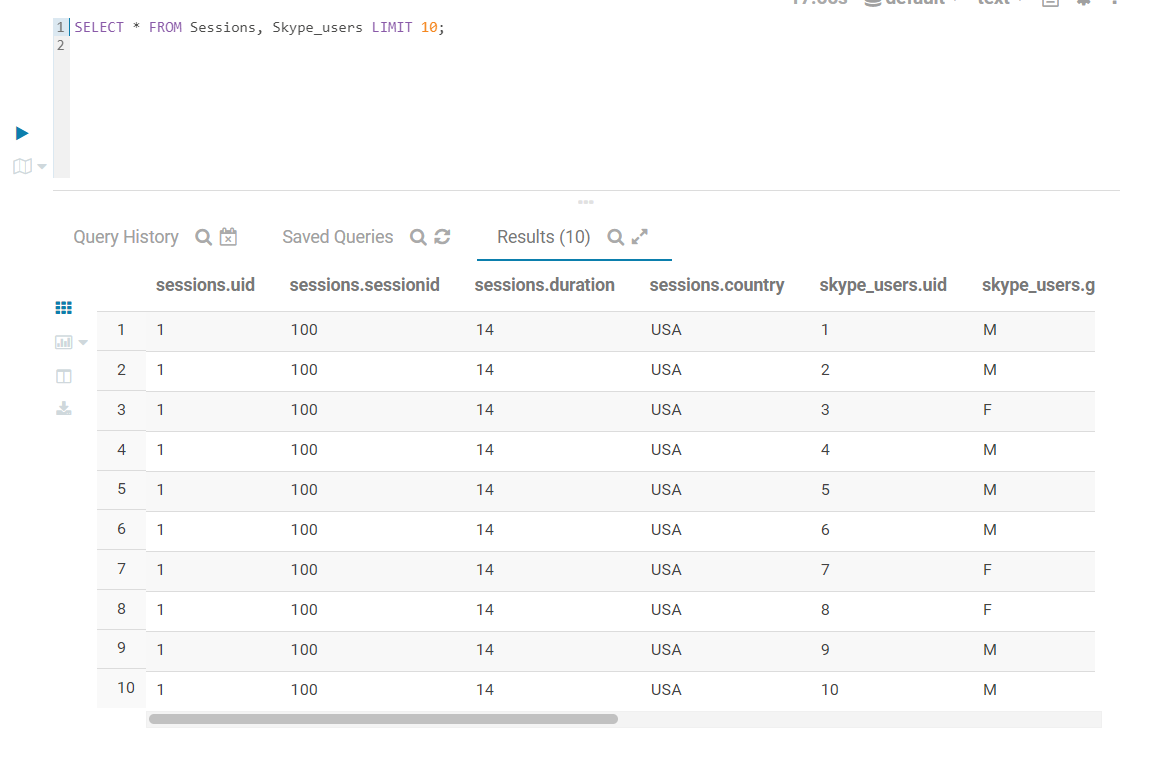
Show the data structures and the first 10 records of each table. Use a SELECT query to show the records.

|  |
| --- |
| SELECT \* FROM Sessions, Skype\_users LIMIT 10; |



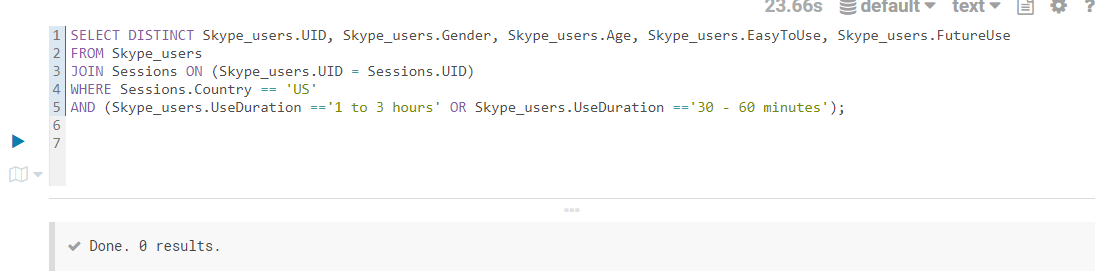
How many females older than 25 found Skype to be easy to use (i.e., EasyToUse >= 4)

|  |
| --- |
| SELECT COUNT(\*) as qualifiedfemales FROM Skype\_users  WHERE Gender = 'F' AND Age > 25 AND EasyToUse >= 4; |



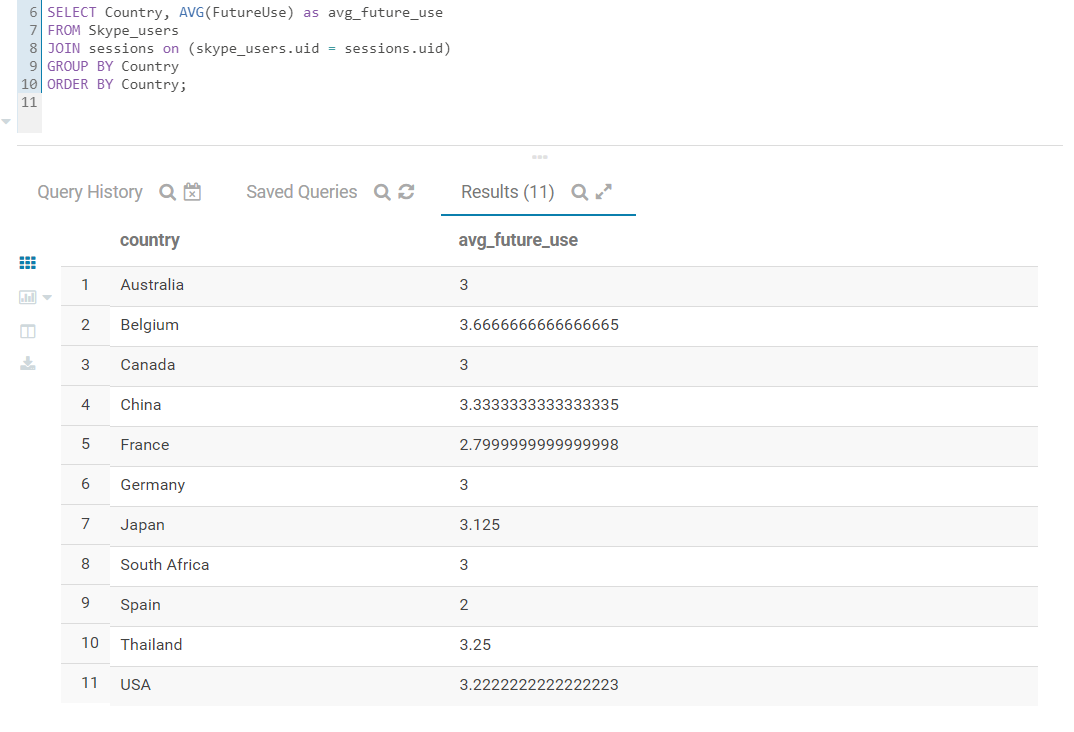
Show UID, Gender, Age, EasyToUse and FutureUse of the US users who spent more time in each session of Skype (i.e., UseDuration = 1 to 3 hours and UseDuration = 30 – 60 minutes).

|  |
| --- |
| SELECT DISTINCT Skype\_users.UID, Skype\_users.Gender, Skype\_users.Age, Skype\_users.EasyToUse, Skype\_users.FutureUse  FROM Skype\_users  JOIN Sessions ON (Skype\_users.UID = Sessions.UID)  WHERE Sessions.Country == 'US'  AND (Skype\_users.UseDuration =='1 to 3 hours' OR Skype\_users.UseDuration =='30 - 60 minutes'); |



Show the average FutureUse by country and sort the results by country.

|  |
| --- |
| SELECT Country, AVG(FutureUse) as avg\_future\_use  FROM Skype\_users  JOIN sessions on (skype\_users.uid = sessions.uid)  GROUP BY Country  ORDER BY Country; |



Implementing a query to show whether there is a gender difference in UseDuration.

|  |
| --- |
| SELECT Gender, UseDuration, COUNT(\*) AS Total  FROM Skype\_users  JOIN Sessions ON Skype\_users.UID = Sessions.UID  GROUP BY Gender, UseDuration  ORDER BY Gender, UseDuration; |

