

The screenshot shows the MySQL Workbench interface with several tabs open. The 'Schemas' tab is selected, displaying a tree view of database structures. A large query editor window is open, showing a multi-step query for calculating average transaction amounts. Below the query editor is a 'Result Grid' showing the execution plan and final results. The 'Output' tab displays the execution log with numerous rows of log entries. The status bar at the bottom indicates the session started at 11:48:18 on 04/04/2023.

MySQL Workbench

Local instance MySQL80 - InnoDB

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- 4. Filter objects
- 1. sys
- 2. Transactions
- 3. Tables
  - company
  - transaction
- 4. Views
- 5. Stored Procedures
- 6. Functions
- 7. world

Tables

362 company

363 JOIN transaction ON company.id = transaction.company\_id

365 GROUP BY company\_id

366 ORDER BY company\_id

368 AVG(transaction.amount) DESC

369

Result Grid

| id                                  | card_id  | customer_id | user_id | lat     | long     | timestamp           | amount | declined |
|-------------------------------------|----------|-------------|---------|---------|----------|---------------------|--------|----------|
| 10200424-0429-13P-8260-078A901C13D2 | C01-259  | b-2346      | 92      | 32.0646 | -140.347 | 2021-07-09 20:38    | 465.31 | 0        |
| 10881D-02-9E2-A9C-S9F-C568E44B0D    | C02-258  | b-2222      | 275     | 83.783  | -178.86  | 2021-07-07 17:40:16 | 293.57 | 0        |
| 10881D-02-9E2-A9C-S9F-C568E44B0D    | C03-9999 | b-9999      | 9999    | 826.999 | -117.999 | 2021-07-07 17:40:16 | 111.11 | 0        |
| 10881D-02-9E2-A9C-S9F-C568E44B0D    | C04-9999 | b-9999      | 9999    | 272.322 | -122.322 | 2021-07-07 17:40:16 | 27.88  | 0        |
| 11ABED07-E12-489A-9F95-A03AC17129   | C05-3981 | b-2362      | 68      | 78.840  | 0        | 2021-07-14 20:05:48 | 27.88  | 0        |

transaction 54 credit\_card 55 transaction 56 VistaMarketing57 user 58 transaction 59 x

Output

Action Output

| #   | Time     | Action                                                                                                                                                               | Message | Duration / Fetch |
|-----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|
| 485 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('181', 'Kemir', 'Obster...', 'Towfiq affected  |         | 0.000 sec        |
| 486 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('182', 'Dane', 'Shepat...', 'Towfiq affected   |         | 0.000 sec        |
| 479 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('183', 'Liam', 'Whe...', 'Towfiq affected      |         | 0.000 sec        |
| 479 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('184', 'Ulyse', 'Rein...', 'Towfiq affected    |         | 0.000 sec        |
| 473 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('185', 'Moh', 'Galan...', 'Towfiq affected     |         | 0.000 sec        |
| 474 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('186', 'Duke', 'Gren...', 'Towfiq affected     |         | 0.000 sec        |
| 475 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('187', 'Devon', 'Vanc...', 'Towfiq affected    |         | 0.000 sec        |
| 476 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('188', 'Keanu', 'McKin...', 'Towfiq affected   |         | 0.000 sec        |
| 477 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('189', 'Walter', 'Lamb...', 'Towfiq affected   |         | 0.016 sec        |
| 478 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('190', 'Shelly', 'Vander...', 'Towfiq affected |         | 0.000 sec        |
| 479 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('191', 'Dasha', 'Todd...', 'Towfiq affected    |         | 0.000 sec        |
| 480 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('192', 'Phoenix', 'Ruth...', 'Towfiq affected  |         | 0.000 sec        |
| 481 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('193', 'Mareva', 'Wilso...', 'Towfiq affected  |         | 0.000 sec        |
| 482 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('194', 'Tutter', 'Franc...', 'Towfiq affected  |         | 0.000 sec        |
| 483 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('195', 'Roslyn', 'Bala...', 'Towfiq affected   |         | 0.000 sec        |
| 484 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('196', 'Bazar', 'Duke...', 'Towfiq affected    |         | 0.000 sec        |
| 485 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('197', 'Cathy', 'Harr...', 'Towfiq affected    |         | 0.000 sec        |
| 486 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('198', 'Bent', 'Ten...', 'Towfiq affected      |         | 0.000 sec        |
| 477 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('199', 'Lenny', 'Maledo...', 'Towfiq affected  |         | 0.000 sec        |
| 480 | 12:48:28 | INSERT INTO `user`(`id`, `name`, `phone`, `email`, `birth_date`, `country`, `city`, `postal_code`, `address`) VALUES ('200', 'Hev', 'Mits...', 'Towfiq affected      |         | 0.000 sec        |
| 499 | 12:48:28 | AFFECTS 1000 rows; last update time: 2024-07-14 20:05:48                                                                                                             |         | 0.000 sec        |

Information

No object selected

Object Info Session

10°C Soledad

Busqueda

Firefox

Google Chrome

Microsoft Edge

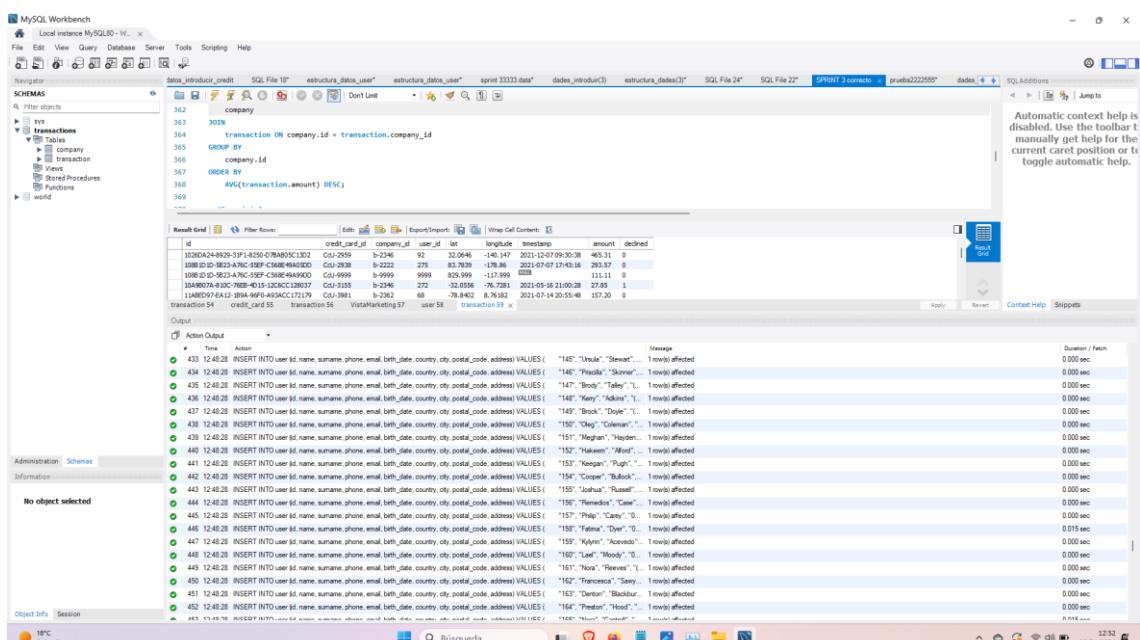
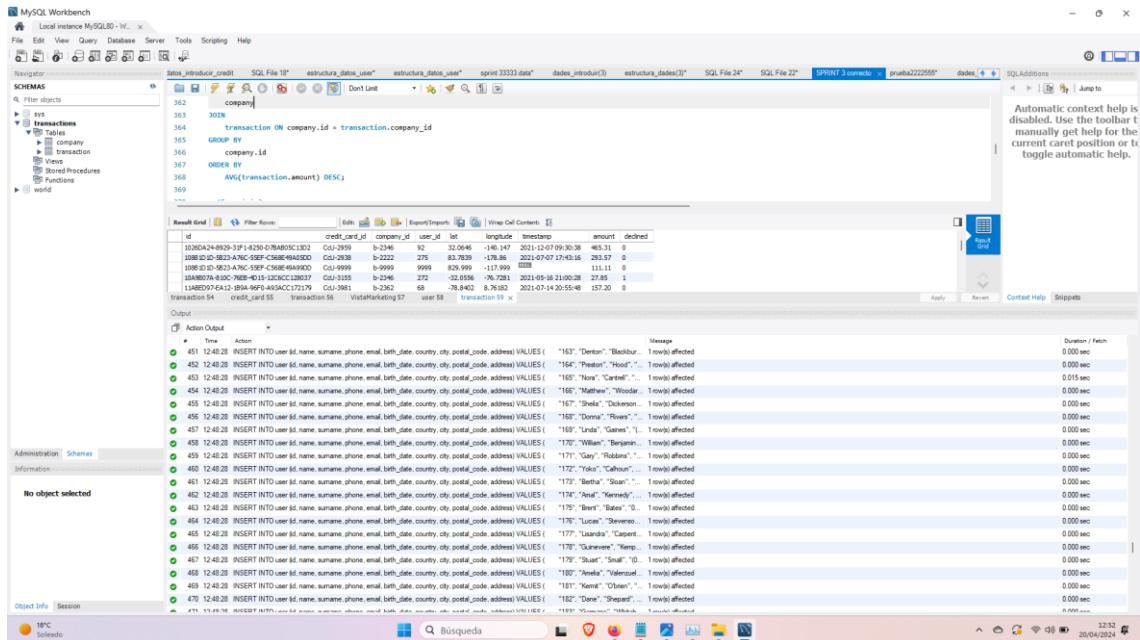
Opera

Safari

32/32

20/04/2023

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.



```

MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
Schemas
  sys
    Tables
      company
      transaction
      Views
      Stored Procedures
      Functions
      vcard
  SPRINT_3
    tables
      data_introduct_credit
      SQL File 10*
      estructura_data_user*
      estructura_data_user*
      sprint_23333_data*
      dates_introduct()
      estructura_dades()*
      SQL File 24*
      SQL File 22*
      SPRINT_3 connect...
      dates...
      SQL Additions
  pruebas2222555*
  dates...
  SQL Additions
  Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

  Result Grid
  Filter Rows: | Edit | Undo | Redo | Export/Import | Wrap Cell Content: | 
  id credit_card_id company_id user_id lat longitude timestamp amount declined
  10200424-8929-31F1-2350-D7B495C1302 CGU-299 b-2346 92 32.0646 -100.147 2021-12-07 09:30:38 465.31 0
  108B1D-9E2A-435C-BEF-C58E49A90D CGU-2938 b-2222 275 83.7639 -178.86 2021-07-07 17:43:16 293.57 0
  108B1D-9E2A-435C-BEF-C58E49A90D CGU-2938 b-2222 275 83.7639 -178.86 2021-07-07 17:43:16 293.57 0
  108B1D-9E2A-435C-BEF-C58E49A90D CGU-2938 b-2346 272 32.0556 -76.7391 2021-05-04 21:00:28 27.85 1
  11ABE97-EA12-4B94-9F90-A934CC17219 CGU-3981 b-2362 68 78.8402 8.7682 2021-07-14 20:55:48 157.20 0
  transaction 54 credit_card 55 transaction 56 VistaMarketing 57 user 58 transaction 59 x

  Output
  Action Output
  • Time Action Message Duration / Fetch
  415 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "127", "Dale", "Beard", "77", "1" ) rows affected 0.000 sec
  416 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "128", "Lucas", "Dawson", "78", "1" ) rows affected 0.000 sec
  417 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "129", "Oscar", "Neal", "79", "1" ) rows affected 0.000 sec
  418 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "130", "Oscar", "Neal", "79", "1" ) rows affected 0.000 sec
  419 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "131", "Hean", "Preston", "80", "1" ) rows affected 0.000 sec
  420 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "132", "Geoff", "Johnston", "81", "1" ) rows affected 0.000 sec
  421 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "133", "Irene", "Soto", "12", "1" ) rows affected 0.016 sec
  422 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "134", "Tiger", "David", "13", "1" ) rows affected 0.000 sec
  423 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "135", "Zara", "Swanson", "14", "1" ) rows affected 0.000 sec
  424 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "136", "Sonya", "Hobbs", "15", "1" ) rows affected 0.000 sec
  425 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "137", "Brody", "Goodwin", "16", "1" ) rows affected 0.000 sec
  426 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "138", "Wenley", "Bath", "17", "1" ) rows affected 0.000 sec
  427 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "139", "Wade", "Gason", "18", "1" ) rows affected 0.000 sec
  428 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "140", "Liam", "Nelson", "19", "1" ) rows affected 0.000 sec
  429 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "141", "Clark", "Kane", "20", "1" ) rows affected 0.000 sec
  430 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "142", "Wylie", "Riley", "21", "1" ) rows affected 0.000 sec
  431 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "143", "Genevieve", "Hale", "22", "1" ) rows affected 0.000 sec
  432 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "144", "Jennith", "Bianchi", "23", "1" ) rows affected 0.000 sec
  433 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "145", "Uskula", "Stewart", "24", "1" ) rows affected 0.000 sec
  434 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "146", "Pecolia", "Shimer", "25", "1" ) rows affected 0.000 sec
  435 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "147", "Briana", "Tobin", "26", "1" ) rows affected 0.000 sec

  Administration Schemas Information
  No object selected

  Object Info Session
  12:31 20/04/2024

```

```

MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
Schemas
  sys
    Tables
      company
      transaction
      Views
      Stored Procedures
      Functions
      vcard
  SPRINT_3
    tables
      data_introduct_credit
      SQL File 10*
      estructura_data_user*
      estructura_data_user*
      sprint_23333_data*
      dates_introduct()
      estructura_dades()*
      SQL File 24*
      SQL File 22*
      SPRINT_3 connect...
      dates...
      SQL Additions
  pruebas2222555*
  dates...
  SQL Additions
  Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

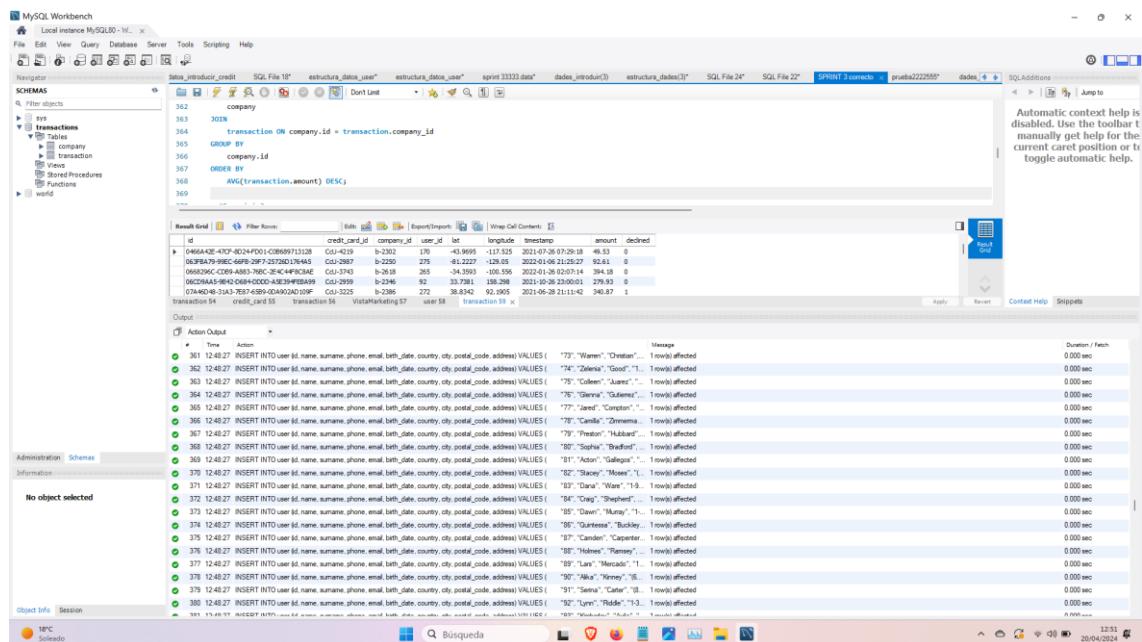
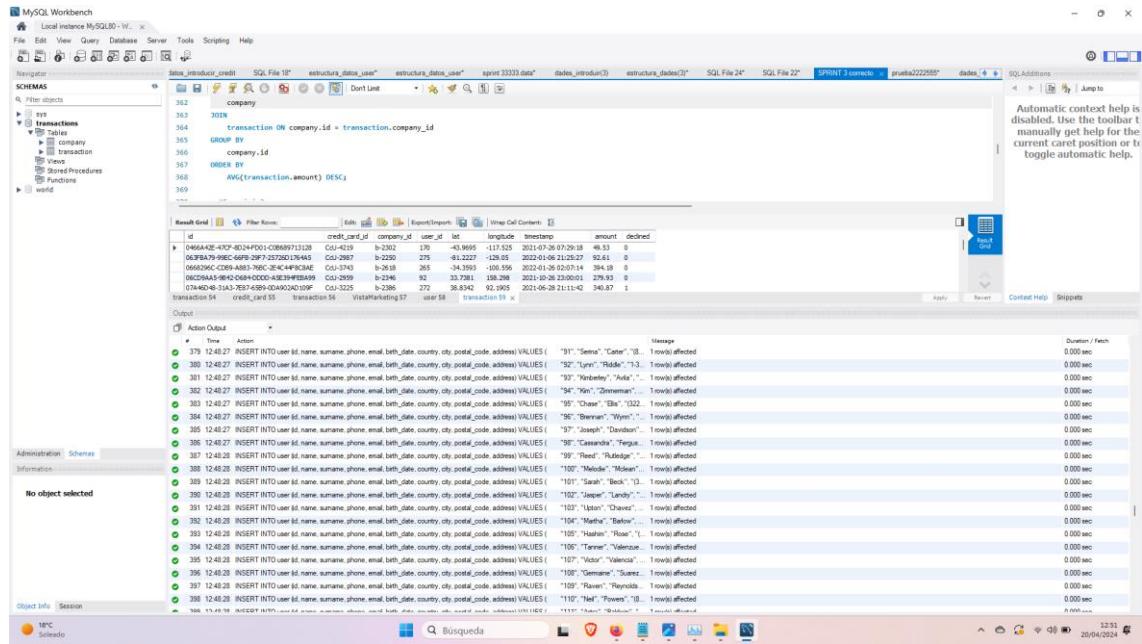
  Result Grid
  Filter Rows: | Edit | Undo | Redo | Export/Import | Wrap Cell Content: | 
  id credit_card_id company_id user_id lat longitude timestamp amount declined
  0A42ED50-0C11-4952-B7E-035639248539 CGU-299 b-2302 221 56.4991 114.801 2022-02-26 20:33:54 430.49 0
  0C5C8D-9E2A-435C-BEF-C58E49A90D CGU-2938 b-2346 272 56.2015 -13.6037 2022-03-06 09:45:35 288.81 0
  0C5C8D-9E2A-435C-BEF-C58E49A90D CGU-2938 b-2346 272 56.2015 -13.6037 2022-03-06 09:45:35 288.81 0
  0C5C8D-9E2A-435C-BEF-C58E49A90D CGU-2938 b-2346 272 56.2015 -13.6037 2022-03-06 09:45:35 288.81 0
  00026068-9C9E-4B33-9899-B4A93D7554 CGU-299 b-2356 208 69.5337 -16.26 2022-02-03 23:29:41 428.69 1
  00026068-9C9E-4B33-9899-B4A93D7554 CGU-299 b-2356 208 69.5337 -16.26 2022-02-03 23:29:41 428.69 1
  transaction 54 credit_card 55 transaction 56 VistaMarketing 57 user 58 transaction 59 x

  Output
  Action Output
  • Time Action Message Duration / Fetch
  397 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "109", "Rever", "Repolda", "1", "1" ) rows affected 0.000 sec
  398 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "110", "Hall", "Powers", "1", "1" ) rows affected 0.000 sec
  399 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "111", "Ares", "Pawelski", "1", "1" ) rows affected 0.000 sec
  400 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "112", "Fyler", "Cale", "1", "1" ) rows affected 0.000 sec
  401 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "113", "Red", "Frost", "1", "1" ) rows affected 0.000 sec
  402 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "114", "Janine", "Castor", "1", "1" ) rows affected 0.000 sec
  403 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "115", "Uole", "Holman", "1", "1" ) rows affected 0.000 sec
  404 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "116", "Sasha", "Cortina", "1", "1" ) rows affected 0.000 sec
  405 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "117", "Hala", "Pearson", "1", "1" ) rows affected 0.000 sec
  406 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "118", "Brooke", "Jensen", "1", "1" ) rows affected 0.000 sec
  407 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "119", "Damian", "Moyer", "1", "1" ) rows affected 0.000 sec
  408 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "120", "Solomon", "Baker", "1", "1" ) rows affected 0.000 sec
  409 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "121", "Anoley", "Hemza", "1", "1" ) rows affected 0.000 sec
  410 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "122", "Desree", "Cary", "1", "1" ) rows affected 0.000 sec
  411 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "123", "Liam", "Lester", "1", "1" ) rows affected 0.000 sec
  412 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "124", "Wylie", "Lester", "1", "1" ) rows affected 0.000 sec
  413 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "125", "Celine", "Elia", "1", "1" ) rows affected 0.000 sec
  414 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "126", "Yon", "Mooney", "1", "1" ) rows affected 0.016 sec
  415 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "127", "Ezra", "Beast", "77", "1" ) rows affected 0.000 sec
  416 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "128", "Lucas", "Dawson", "78", "1" ) rows affected 0.000 sec
  417 12-08-20 INSERT INTO user_id name surname phone email birth_date country city postal_code address VALUES ( "129", "Austin", "Bluestone", "79", "1" ) rows affected 0.000 sec

  Administration Schemas Information
  No object selected

  Object Info Session
  12:31 20/04/2024

```



MySQL Workbench

Local instance MySQL80 - 127.0.0.1

File Edit View Query Database Server Tools Scripting Help

Schemas

sys transactions

Tables

company transaction

Views

Stored Procedures

Functions

World

File10\* estructura\_data\_user\* estructura\_data\_user\* sprint\_23333\_data\* dates\_introducto\* estructura\_dades3\* SQL File 24\* SQL File 22\* SPRINT 3 connecto\* pruebas22255\* dates\* SQLAdditions

362 company

363 JOIN transaction ON company.id = transaction.company\_id

364 GROUP BY

365 company\_id

366 ORDER BY

367 AVG(transaction.amount) DESC;

368

369

Result Grid

| id | credit_card_id                       | company_id | user_id | lat     | longitude | timestamp           | amount              | declined |   |
|----|--------------------------------------|------------|---------|---------|-----------|---------------------|---------------------|----------|---|
| 0  | 0466A4E2-47D7-8D24-FD01-CB6599713128 | CGU-4219   | b-2302  | 43.9695 | -117.535  | 2021-07-06 07:29:18 | 49.53               | 0        |   |
| 1  | 03FB7A79-9E57-66B9-2F97-37320179A45  | CGU-2987   | b-2250  | 41.2227 | -128.05   | 2022-01-06 21:25:27 | 92.61               | 0        |   |
| 2  | 0668396C-CDBA-A8B3-78C-44F936AE      | CGU-3743   | b-2318  | 34.3593 | -106.556  | 2022-01-06 20:07:14 | 394.18              | 0        |   |
| 3  | 0685A4A8-8E95-4899-AB40-2A0105F      | CGU-2989   | b-2316  | 92      | 33.7881   | 158.298             | 2021-08-28 23:00:01 | 29.93    | 0 |
| 4  | 0744D4-B3A3-7E57-889-0A40240105F     | CGU-3225   | b-2386  | 272     | 38.8342   | 92.905              | 2021-06-29 21:11:42 | 346.87   | 1 |

transaction 54 credit\_card 55 transaction 56 VistaMarketing 57 user 58 transaction 59

Action Output

```

343 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('55', 'Barret', 'Andrew', '...', '1') rows affected
344 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('56', 'Coleman', 'Roy', 'L.', '1') rows affected
345 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('57', 'Dolan', 'Mia', '...', '1') rows affected
346 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('58', 'Sacks', 'Owen', '...', '1') rows affected
347 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('59', 'Heather', 'Daphne', '...', '1') rows affected
348 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('60', 'Ruth', 'Cook', '1122', '1') rows affected
349 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('61', 'Duncan', 'Raines', '...', '1') rows affected
350 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('62', 'Phyllis', 'Hot', '1100', '1') rows affected
351 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('63', 'Bevery', 'But', '133', '1') rows affected
352 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('64', 'Ima', 'Whithead', '...', '1') rows affected
353 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('65', 'Yeo', 'Emerson', '14', '1') rows affected
354 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('66', 'Bet', 'Jesse', '11', '1') rows affected
355 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('67', 'Kermit', 'Morton', '...', '1') rows affected
356 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('68', 'Whitney', 'Toni', '...', '1') rows affected
357 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('69', 'Gordon', 'Linda', '...', '1') rows affected
358 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('70', 'Dolores', 'Foley', '13', '1') rows affected
359 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('71', 'Erasem', 'Hess', '...', '1') rows affected
360 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('72', 'Jewl', 'Robert', '12', '1') rows affected
361 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('73', 'Waven', 'Orhatan', '...', '1') rows affected
362 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('74', 'Zedens', 'Geoff', '1', '1') rows affected

```

Duration / Fetch

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Object Info Session

18°C Soledad

12:51 20/04/2024

MySQL Workbench

Local instance MySQL80 - 127.0.0.1

File Edit View Query Database Server Tools Scripting Help

Schemas

sys transactions

Tables

company transaction

Views

Stored Procedures

Functions

World

File10\* estructura\_data\_user\* estructura\_data\_user\* sprint\_23333\_data\* dates\_introducto\* estructura\_dades3\* SQL File 24\* SQL File 22\* SPRINT 3 connecto\* pruebas22255\* dates\* SQLAdditions

362 company

363 JOIN transaction ON company.id = transaction.company\_id

364 GROUP BY

365 company\_id

366 ORDER BY

367 AVG(transaction.amount) DESC;

368

369

Result Grid

| id | credit_card_id                       | company_id | user_id | lat     | longitude | timestamp           | amount              | declined |   |
|----|--------------------------------------|------------|---------|---------|-----------|---------------------|---------------------|----------|---|
| 0  | 0466A4E2-47D7-8D24-FD01-CB6599713128 | CGU-4219   | b-2302  | 43.9695 | -117.535  | 2021-07-06 07:29:18 | 49.53               | 0        |   |
| 1  | 03FB7A79-9E57-66B9-2F97-37320179A45  | CGU-2987   | b-2250  | 41.2227 | -128.05   | 2022-01-06 21:25:27 | 92.61               | 0        |   |
| 2  | 0668396C-CDBA-A8B3-78C-44F936AE      | CGU-3743   | b-2318  | 34.3593 | -106.556  | 2022-01-06 20:07:14 | 394.18              | 0        |   |
| 3  | 0685A4A8-8E95-4899-AB40-2A0105F      | CGU-2989   | b-2316  | 92      | 33.7881   | 158.298             | 2021-08-28 23:00:01 | 29.93    | 0 |
| 4  | 0744D4-B3A3-7E57-889-0A40240105F     | CGU-3225   | b-2386  | 272     | 38.8342   | 92.905              | 2021-06-29 21:11:42 | 346.87   | 1 |

transaction 54 credit\_card 55 transaction 56 VistaMarketing 57 user 58 transaction 59

Action Output

```

325 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('37', 'Graden', 'Glover', '...', '1') rows affected
326 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('38', 'Aria', 'Doyle', '06', '1') rows affected
327 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('39', 'Nysa', 'Shaffer', '1', '1') rows affected
328 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('40', 'Astra', 'Nexxus', '...', '1') rows affected
329 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('41', 'Urie', 'Tremont', '12', '1') rows affected
330 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('42', 'Liam', 'Rowan', '...', '1') rows affected
331 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('43', 'Joyce', 'Owens', '1', '1') rows affected
332 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('44', 'Avala', 'Heike', '...', '1') rows affected
333 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('45', 'Robert', 'Odomon', '...', '1') rows affected
334 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('46', 'Alva', 'Valee', '17', '1') rows affected
335 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('47', 'Henrik', 'Wright', '...', '1') rows affected
336 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('48', 'Patrick', 'Roway', '...', '1') rows affected
337 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('49', 'Lev', 'Roth', '1485', '1') rows affected
338 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('50', 'Aveila', 'Chang', '1', '1') rows affected
339 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('51', 'Lorne', 'Giffen', '...', '1') rows affected
340 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('52', 'Sheila', 'Sullivan', '1', '1') rows affected
341 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('53', 'Lucas', 'Loyd', '101', '1') rows affected
342 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('54', 'Emma', 'Park', '188', '1') rows affected
343 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('55', 'Bartolo', 'Tucker', '1', '1') rows affected
344 12-48-27 INSERT INTO user (id, name, surname, phone, email, birth_date, country, city, postal_code, address) VALUES ('56', 'Dawn', 'Roy', '1', '1') rows affected

```

Duration / Fetch

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Object Info Session

18°C Soledad

12:51 20/04/2024

The screenshot shows the MySQL Workbench interface with the following details:

- File**: Local instance MySQL - v.
- Database**: SPRINT\_3
- Table**: transaction
- Query Editor Content (SQL):**

```
SELECT t1.id, t1.card_id, t1.company_id, t1.user_id, t1.lat, t1.longitude, t1.timestamp, t1.amount, t1.declined
FROM transaction t1
JOIN company t2 ON t1.company_id = t2.id
GROUP BY t1.id, t1.card_id, t1.company_id, t1.user_id, t1.lat, t1.longitude, t1.timestamp, t1.amount, t1.declined
ORDER BY t1.id
AVG(transaction.amount) DESC;
```
- Result Grid (Data Preview):** Displays the results of the query, including columns: id, card\_id, company\_id, user\_id, lat, longitude, timestamp, amount, declined. The data includes rows for various transactions with their respective details.
- Output Tab:** Shows the execution log with numerous entries starting with "305" followed by a timestamp and an SQL INSERT INTO statement, indicating the insertion of multiple rows into the transaction table.
- Information Tab:** Shows the message "No object selected".
- Object Info Tab:** Shows the message "305 11:49:37 INSERT INTO transaction(card\_id, company\_id, user\_id, lat, longitude, timestamp, amount, declined) VALUES (1, '1', '1', 1, 1, '2021-07-26 07:29:18', 49.53, 0)".
- Session Tab:** Shows the message "305 11:49:37 INSERT INTO transaction(card\_id, company\_id, user\_id, lat, longitude, timestamp, amount, declined) VALUES (1, '1', '1', 1, 1, '2021-07-26 07:29:18', 49.53, 0)".
- System Bar:** Includes icons for Home, Help, Jump to, and a date/time stamp (20/04/2024).

The screenshot shows the MySQL Workbench interface. The left sidebar displays the Navigator and Schemas (with 'company' selected). The main area has a 'File' menu at the top. A query editor window is open with the following SQL code:

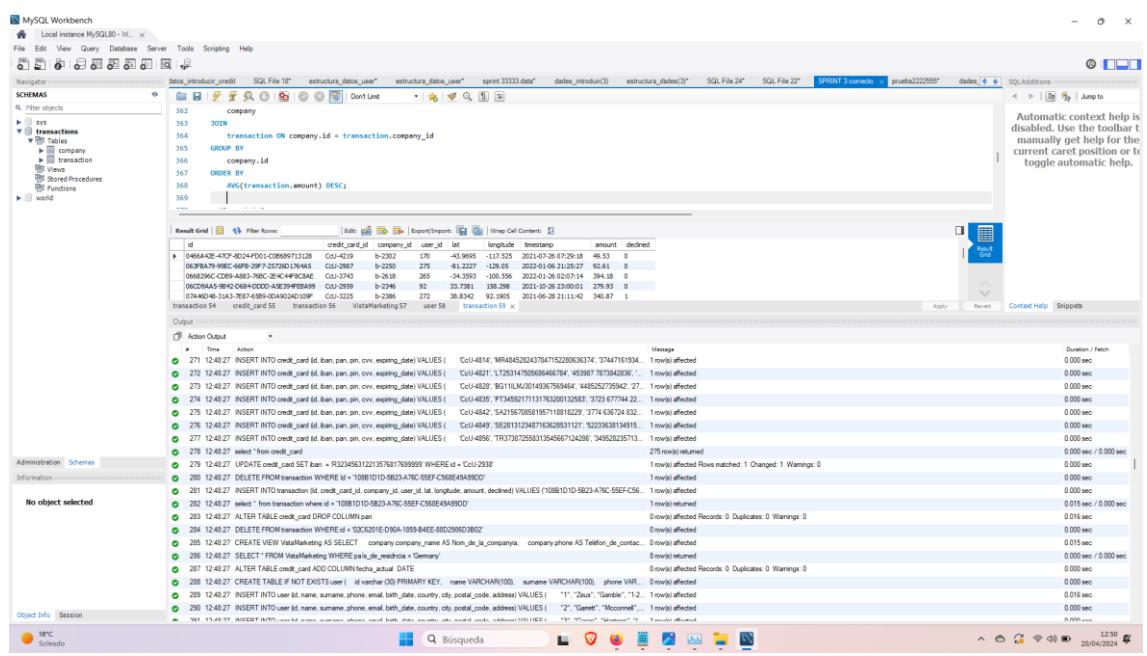
```
371 #Filtre la vista VistaMarketing per a mostrar nomes les companyies que tenen el seu pais de residència en "Germany"
372 * SELECT *
373   FROM VistaMarketing
374   WHERE pais_de_residència = "Germany";
375
376 #Exercici 3
377 #Exercici 1
378
```

The results grid shows data from the VistaMarketing table, filtered by Germany:

| d                                  | credit_card_id | company_id | user_id | lat     | longitude | timestamp           | amount | declined |
|------------------------------------|----------------|------------|---------|---------|-----------|---------------------|--------|----------|
| 10309024-8029-1P-8250-07B0A5051320 | CuJ-2959       | b-2346     | 92      | 33.0646 | -140.147  | 2021-12-09 09:30:38 | 465.31 | 0        |
| 10801D-ID-0023-1NC-5BP-C86E40AD20  | CuJ-2958       | b-2222     | 275     | 83.7839 | -178.86   | 2021-07-07 17:06:16 | 293.57 | 0        |
| 10801D-ID-0023-1NC-5BP-C86E40AD20  | CuJ-2959       | b-9999     | 9999    | 829.999 | -117.999  | 2021-07-07 17:06:16 | 111.11 | 0        |
| 108009-ID-0023-1NC-5BP-C86E40AD20  | CuJ-2960       | b-2336     | 273     | 23.2206 | 122.5406  | 2021-09-18 21:00:28 | 278.81 | 0        |
| 1180D79-6412-1B9A-9E95-A33AC17219  | CuJ-2961       | b-2362     | 68      | 78.8402 | 8.7632    | 2021-07-14 20:55:48 | 157.20 | 0        |

Below the results grid, there are tabs for 'transaction 54', 'credit\_card 35', 'transaction 57', 'VistaMarketing 57', 'user 58', and 'transaction 59'. The 'Output' tab is selected, showing a log of executed statements:

| #   | Time     | Action                                                                                                                                                                                         | Message           | Duration / Fetch |
|-----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| 288 | 12:48:27 | CREATE TABLE IF NOT EXISTS user ( id varchar(100), surname VARCHAR(100), phone VARCHAR(100) )                                                                                                  | 0 rows affected   | 0.000 sec        |
| 289 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'Zoe', 'Gardie', '12...', '1989-01-01', 'Spain', 'Barcelona', '08000')       | 1 row(s) affected | 0.015 sec        |
| 290 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2958', 'Zoe', 'Gardie', '12...', '1989-01-01', 'Spain', 'Barcelona', '08000')       | 1 row(s) affected | 0.000 sec        |
| 291 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'Caren', 'Hartson', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')     | 1 row(s) affected | 0.000 sec        |
| 292 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2960', 'Hazel', 'Reyes', '15...', '1989-01-01', 'Spain', 'Barcelona', '08000')      | 1 row(s) affected | 0.000 sec        |
| 293 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2961', 'Heidi', 'Reyes', '15...', '1989-01-01', 'Spain', 'Barcelona', '08000')      | 1 row(s) affected | 0.000 sec        |
| 294 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'James', 'Tillman', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')     | 1 row(s) affected | 0.000 sec        |
| 295 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2958', 'James', 'Tillman', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')     | 1 row(s) affected | 0.000 sec        |
| 296 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'Frank', 'L.', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')          | 1 row(s) affected | 0.000 sec        |
| 297 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2958', 'Mervin', 'McColl', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')     | 1 row(s) affected | 0.000 sec        |
| 298 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'Robert', 'McColl', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')     | 1 row(s) affected | 0.000 sec        |
| 299 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2958', 'Jeff', 'Benn', '1981...', '1989-01-01', 'Spain', 'Barcelona', '08000')      | 1 row(s) affected | 0.000 sec        |
| 300 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2960', 'Benedict', 'Wheeler', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')  | 1 row(s) affected | 0.000 sec        |
| 301 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2961', 'Alison', 'Starrett', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')   | 1 row(s) affected | 0.000 sec        |
| 302 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'Sam', 'Rynn', '13...', '1989-01-01', 'Spain', 'Barcelona', '08000')         | 1 row(s) affected | 0.000 sec        |
| 303 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2958', 'Noelene', 'Pechik', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')    | 1 row(s) affected | 0.000 sec        |
| 304 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2959', 'Eric', 'Rish', '1210...', '1989-01-01', 'Spain', 'Barcelona', '08000')      | 1 row(s) affected | 0.000 sec        |
| 305 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2958', 'Gert', 'Vilhjalmsson', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000') | 1 row(s) affected | 0.000 sec        |
| 306 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2960', 'Rosalind', 'Travis', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')   | 1 row(s) affected | 0.000 sec        |
| 307 | 12:48:27 | INSERT INTO user (id, name, surname, phone, email, birth_date, country, postal_code, address) VALUES ('CuJ-2961', 'Nicholas', 'Travis', '1...', '1989-01-01', 'Spain', 'Barcelona', '08000')   | 1 row(s) affected | 0.000 sec        |



MySQL Workbench Local instance MySQL80 - Y...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- sys
- transactions
- Tables
- Company
- transaction
- Views
- Stored Procedures
- Functions
- world

SQL Editor

```
SELECT
    company_id,
    transaction ON company.Id = transaction.company_id
GROUP BY
    company_id
ORDER BY
    AVG(transaction.amount) DESC;
```

Result Grid

| id                                  | credit_card_id | company_id | user_id | lat      | longitude | timestamp           | amount | declined |
|-------------------------------------|----------------|------------|---------|----------|-----------|---------------------|--------|----------|
| 04664E4C-4D13-40A4-9101-02609971128 | CU-J219        | b-2302     | 170     | -43.9695 | -117.525  | 2021-07-06 22:29:18 | 49.53  | 0        |
| 063F8A79-9E65-469B-B9F2-02520213943 | CU-J287        | b-2302     | 275     | -41.2237 | -126.05   | 2022-01-06 21:28:27 | 92.61  | 0        |
| 06659C9C-CDF8-48E3-790C-3ECA49FCACM | CU-J274        | b-2302     | 265     | -34.2493 | -155.556  | 2022-01-06 02:07:14 | 394.18 | 0        |
| 06C2DAA5-9E14-464H-90D0-A3E79FB8A99 | CU-J289        | b-2346     | 92      | 33.781   | 158.298   | 2021-10-26 23:00:01 | 279.93 | 0        |
| 0744D0-4B13-7637-6899-0A402A059F    | CU-J225        | b-2302     | 272     | 38.8342  | 92.1905   | 2021-06-28 21:11:42 | 340.87 | 1        |

transaction 54 credit\_card 55 transaction 55 VistaMarketing 57 user 58 transaction 59

Action Output

| Time | Action                                                                        | Message                                                                                               | Duration / Fetch |
|------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|
| 235  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J488, 15382597674361109271082, 347635822322, ) rows affected                                       | 0.000 sec        |
| 254  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J489, GT44327784567180123887639, 725557774, ) rows affected                                        | 0.000 sec        |
| 255  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J492, DK7722437844784477, 34864267675332, 3800, ) rows affected                                    | 0.000 sec        |
| 256  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J495, GE65501275629160124, 453223346776459, ) rows affected                                        | 0.000 sec        |
| 257  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J476, PL744271932084215530721926, 546684 8334, ) rows affected                                     | 0.000 sec        |
| 258  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J473, F1284735453657, 3414 37357 29596, 7956, ) rows affected                                      | 0.000 sec        |
| 259  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J470, EEA1538444811082898, 3733676577559, ) rows affected                                          | 0.000 sec        |
| 260  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J471, AT2786174859395972, 3426 55526 37321, 9, ) rows affected                                     | 0.015 sec        |
| 261  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J474, A285214542035202, 763265762, 256257, 18, ) rows affected                                     | 0.000 sec        |
| 262  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J475, G851014141401826324, 3748053424041, ) rows affected                                          | 0.000 sec        |
| 263  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J476, S4288917798702213967, 1401135135347, ) rows affected                                         | 0.000 sec        |
| 264  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J477, M589320515414137232, 454 3405 3220 61, ) rows affected                                       | 0.000 sec        |
| 265  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J478, F89192918051971971, 513 2416 36388 645, 97, ) rows affected                                  | 0.009 sec        |
| 266  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J479, 55170310417361915, 557 3786 37435, 785, 9, ) rows affected                                   | 0.016 sec        |
| 267  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J470, HU952195724975659559322, 47166 7676, ) rows affected                                         | 0.000 sec        |
| 268  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J471, 59702434252161436, 4555 792 5238 3322, 3, ) rows affected                                    | 0.000 sec        |
| 269  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J472, 181726281871559051625977, 4539 426 82, 1, ) rows affected                                    | 0.000 sec        |
| 270  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J473, MR445424274152280637X, 3744716193, ) rows affected                                           | 0.000 sec        |
| 271  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J474, L72314769586467687, 45397 7873843936, ) rows affected                                        | 0.000 sec        |
| 272  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J475, 1749-37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( ) rows affected | 0.000 sec        |

MySQL Workbench Local instance MySQL80 - Y...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- sys
- transactions
- Tables
- Company
- transaction
- Views
- Stored Procedures
- Functions
- world

SQL Editor

```
SELECT
    company_id,
    transaction ON company.Id = transaction.company_id
GROUP BY
    company_id
ORDER BY
    AVG(transaction.amount) DESC;
```

Result Grid

| id                                  | credit_card_id | company_id | user_id | lat      | longitude | timestamp           | amount | declined |
|-------------------------------------|----------------|------------|---------|----------|-----------|---------------------|--------|----------|
| 04664E4C-4D13-40A4-9101-02609971128 | CU-J219        | b-2302     | 170     | -43.9695 | -117.525  | 2021-07-06 22:29:18 | 49.53  | 0        |
| 063F8A79-9E65-469B-B9F2-02520213943 | CU-J287        | b-2302     | 275     | -41.2237 | -126.05   | 2022-01-06 21:28:27 | 92.61  | 0        |
| 06659C9C-CDF8-48E3-790C-3ECA49FCACM | CU-J274        | b-2302     | 265     | -34.2493 | -155.556  | 2022-01-06 02:07:14 | 394.18 | 0        |
| 06C2DAA5-9E14-464H-90D0-A3E79FB8A99 | CU-J289        | b-2346     | 92      | 33.781   | 158.298   | 2021-10-26 23:00:01 | 279.93 | 0        |
| 0744D0-4B13-7637-6899-0A402A059F    | CU-J225        | b-2302     | 272     | 38.8342  | 92.1905   | 2021-06-28 21:11:42 | 340.87 | 1        |

transaction 54 credit\_card 55 transaction 55 VistaMarketing 57 user 58 transaction 59

Action Output

| Time | Action                                                                        | Message                                                                                               | Duration / Fetch |
|------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|
| 235  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J488, SM7854881707987724648277, 3426389897, ) rows affected                                        | 0.000 sec        |
| 254  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J489, E80210338620727, 3748053424041, ) rows affected                                              | 0.000 sec        |
| 255  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J492, MT851V5F5888205757132463812, 4532 37, ) rows affected                                        | 0.014 sec        |
| 256  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J495, B4733279188916724, 337 4161 7331 139, ) rows affected                                        | 0.000 sec        |
| 257  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J490, AT0509569174432121, 3443 17254 34777, 1, ) rows affected                                     | 0.000 sec        |
| 258  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J497, AE225104263801717977, 3754 37136 288, ) rows affected                                        | 0.000 sec        |
| 259  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J494, CR54119432827021290, 544734 394232720, ) rows affected                                       | 0.000 sec        |
| 260  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J491, A223074631407172857052322, 374230432, ) rows affected                                        | 0.000 sec        |
| 261  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J498, 1220326716057118750540113, 536741137, ) rows affected                                        | 0.000 sec        |
| 262  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J481, C43026716057118750540113, 536741137, ) rows affected                                         | 0.000 sec        |
| 263  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J482, E52038868843342450480, 5298 3644 7282, ) rows affected                                       | 0.000 sec        |
| 264  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J483, AT7713147638934249, 448 3874 8652 799, ) rows affected                                       | 0.000 sec        |
| 265  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J485, U81551956305172, 373933218502, 96, ) rows affected                                           | 0.000 sec        |
| 266  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J484, CR727375151015026249, 4485 878 929 2981, ) rows affected                                     | 0.000 sec        |
| 267  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J480, V127541-C7452788207, 4243 2003107, ) rows affected                                           | 0.000 sec        |
| 268  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J487, P7785116185264009147196, 3784 409777, 72, ) rows affected                                    | 0.000 sec        |
| 269  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J481, D07842773257855105572, 2437 39126, ) rows affected                                           | 0.000 sec        |
| 270  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J488, GE302128601951201317, 448 5783 38974, 72, ) rows affected                                    | 0.000 sec        |
| 271  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J485, Y32126576243011872, 347359872222, ) rows affected                                            | 0.000 sec        |
| 272  | 12:42:37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( | CU-J486, 1749-37 INSERT INTO credit_card (id, iban, pan, cvv, expiring_date) VALUES ( ) rows affected | 0.000 sec        |

MySQL Workbench

Local instance MySQL80 - In...

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

sys

transactions

Tables

- company
- transaction
- Views
- Stored Procedures
- Functions
- Veritab.

credit

Result Grid

Action Output

Output

```

362   JOIN
363     company
364       transaction ON company.Id = transaction.company_id
365   GROUP BY
366     company.Id
367   ORDER BY
368     AVG(transaction.amount) DESC;
369

```

Result Grid

|   | credit_card_id                       | company_id | user_id | lat | longitude | timestamp | amount              | declined |   |
|---|--------------------------------------|------------|---------|-----|-----------|-----------|---------------------|----------|---|
| 1 | 0466A43E-47D7-8D24-F001-C08699713128 | CGJ-4219   | b-2302  | 176 | -43.9695  | -117.535  | 2021-07-06 07:29:18 | 49.53    | 0 |
| 2 | 03FB3A79-9E87-669F-29F7-372621945    | CGJ-2987   | b-2250  | 275 | 81.2227   | -128.05   | 2022-04-08 21:25:27 | 92.61    | 0 |
| 3 | 066839C6-CD9-A8B3-78C-2E4-49FC3AE    | CGJ-2743   | b-2316  | 265 | -34.393   | -106.556  | 2022-01-08 02:07:14 | 394.18   | 0 |
| 4 | 08C93AA5-1E95-4094-0000-AE34978A949  | CGJ-2899   | b-2346  | 92  | 33.781    | 138.298   | 2021-09-08 23:00:01 | 279.93   | 0 |
| 5 | 07440D-31A3-7E37-45B9-0040240105F    | CGJ-3225   | b-2386  | 272 | 38.8342   | 92.905    | 2021-06-28 21:11:42 | 346.87   | 1 |

transaction 54 credit\_card 55 transaction 55 VistaMarketing 57 user 58 transaction 59

Action Output

Output

```

226 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4867, GE36372E34B964402464, 3798 89912 8426, 2024-07-29 )
227 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4547, 7122727651145858002403461, 44819155465, 2025-07-29 )
228 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4479, 515211615517495153, 54518202125244, 31, 2025-07-29 )
229 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4485, GB300K08243220260849, 3443 93324 5782, 2025-07-29 )
230 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4492, A677620410394121997, 5494452464762, 2025-07-29 )
231 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4499, E503182484157766178592, 527 55880 27196, 2025-07-29 )
232 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4506, S53424230550525401774242, 37785645545185, 2025-07-29 )
233 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4513, TN2511656366078144912, 53207 5824487, 2025-07-29 )
234 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4520, A050311456454951321530, 4716 704 4384, 2025-07-29 )
235 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4527, A2562119584742248215016, 52380 252843, 2025-07-29 )
236 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4534, GRB5593516321125355757312, 37461517219, 2025-07-29 )
237 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4541, 52420542432051020, 5239 37739 36, 2025-07-29 )
238 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4548, 72297842958951016, 51254 877058205, 2025-07-29 )
239 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4555, 512511306927237, 3744 60334 3489, 2025-07-29 )
240 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4562, M7T5WCF50020057571343638172, 4352 57, 2025-07-29 )
241 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4569, 84773227918991572, 527 4616 7531 130, 2025-07-29 )
242 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4576, ATB5059568174432121, 3443 17294 34771, 2025-07-29 )
243 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4583, 1754-07-29 )

```

Action Output

Output

```

226 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4867, KW9485332748175780624295643, 3785 952, 2024-07-29 )
227 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4547, NL50BNW072420272, 479 1343 4228 329, 4, 2024-07-29 )
228 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4479, AT4889957579167, 3792 1126 78975, 5, 2024-07-29 )
229 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4485, P1X42427179578964571, 555 870 34672, 2024-07-29 )
230 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4492, DO18502080311855759873345, 345054528, 2024-07-29 )
231 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4499, G653542113055716132, 155456 433773205, 2024-07-29 )
232 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4506, T122CN2021121202974605205, 5224 7471 933, 2024-07-29 )
233 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4513, R08LP1V6V6263023034454, 445 5387 8787, 2024-07-29 )
234 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4520, TR1522651944022039204, 54885 578872, 2024-07-29 )
235 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4527, 954AXYVB7160130239575, 3778713128109, 2024-07-29 )
236 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4534, GRB13439948075356241144, 3748 64876, 2024-07-29 )
237 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4541, DO55572234622905104675277, 3741 52406, 2024-07-29 )
238 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4548, D4377381938178, 342834817534297, 960, 2024-07-29 )
239 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4555, 5144272472107613847, 3476 29845 56461, 99, 2024-07-29 )
240 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4562, B44A43020000000002, 491 6286 67312, 57, 2024-07-29 )
241 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4569, CTR02000000000001, 50321 3565173, 2024-07-29 )
242 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4576, GE36372E34B964402464, 3798 89912 8426, 2024-07-29 )
243 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4583, 1754-07-29 )

```

Action Output

Output

MySQL Workbench

Local instance MySQL80 - In...

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

sys

transactions

Tables

- company
- transaction
- Views
- Stored Procedures
- Functions
- Veritab.

credit

Result Grid

Action Output

Output

```

362   JOIN
363     company
364       transaction ON company.Id = transaction.company_id
365   GROUP BY
366     company.Id
367   ORDER BY
368     AVG(transaction.amount) DESC;
369

```

Result Grid

|   | credit_card_id                       | company_id | user_id | lat | longitude | timestamp | amount              | declined |   |
|---|--------------------------------------|------------|---------|-----|-----------|-----------|---------------------|----------|---|
| 1 | 0466A43E-47D7-8D24-F001-C08699713128 | CGJ-4219   | b-2302  | 176 | -43.9695  | -117.535  | 2021-07-06 07:29:18 | 49.53    | 0 |
| 2 | 03FB3A79-9E87-669F-29F7-372621945    | CGJ-2987   | b-2250  | 275 | 81.2227   | -128.05   | 2022-04-08 21:25:27 | 92.61    | 0 |
| 3 | 066839C6-CD9-A8B3-78C-2E4-49FC3AE    | CGJ-2743   | b-2316  | 265 | -34.393   | -106.556  | 2022-01-08 02:07:14 | 394.18   | 0 |
| 4 | 08C93AA5-1E95-4094-0000-AE34978A949  | CGJ-2899   | b-2346  | 92  | 33.781    | 138.298   | 2021-09-08 23:00:01 | 279.93   | 0 |
| 5 | 07440D-31A3-7E37-45B9-0040240105F    | CGJ-3225   | b-2386  | 272 | 38.8342   | 92.905    | 2021-06-28 21:11:42 | 346.87   | 1 |

transaction 54 credit\_card 55 transaction 55 VistaMarketing 57 user 58 transaction 59

Action Output

Output

```

226 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4867, GE36372E34B964402464, 3798 89912 8426, 2024-07-29 )
227 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4547, 7122727651145858002403461, 44819155465, 2025-07-29 )
228 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4479, 515211615517495153, 54518202125244, 31, 2025-07-29 )
229 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4485, GB300K08243220260849, 3443 93324 5782, 2025-07-29 )
230 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4492, A677620410394121997, 5494452464762, 2025-07-29 )
231 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4499, E503182484157766178592, 527 55880 27196, 2025-07-29 )
232 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4506, S53424230550525401774242, 37785645545185, 2025-07-29 )
233 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4513, TN2511656366078144912, 53207 5824487, 2025-07-29 )
234 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4520, A050311456454951321530, 4716 704 4384, 2025-07-29 )
235 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4527, A2562119584742248215016, 52380 252843, 2025-07-29 )
236 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4534, GRB5593516321125355757312, 37461517219, 2025-07-29 )
237 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4541, GRB5593516321125355757312, 37461517219, 2025-07-29 )
238 12-08-27 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CGJ-4548, 1754-07-29 )

```

Action Output

Output

The screenshot shows a MySQL Workbench interface with several tabs open. The main tab displays a complex SQL query involving multiple joins and aggregate functions. Below the query, a 'Result Grid' shows the results of the query. A large number of error messages are listed in the 'Output' pane, indicating various syntax errors and warnings during the execution of the query. The 'Information' and 'Administration' panes are also visible at the bottom.

The screenshot shows the MySQL Workbench interface with a complex query being executed. The top navigation bar includes 'File', 'Edit', 'View', 'Query', 'Database', 'Server', 'Tools', 'Scripting', and 'Help'. The main area displays a large number of rows of data from a query involving multiple joins and aggregate functions. A vertical toolbar on the left contains icons for 'Navigator', 'Schemas', 'Tables', 'Transactions', 'Views', 'Stored Procedures', 'Functions', and 'world'. The bottom status bar shows the date as '20/04/2024' and the time as '12:49:00'. The overall interface is light blue-themed.

The screenshot shows the MySQL Workbench interface with a complex SQL query being executed. The query involves multiple joins and aggregate functions like AVG and GROUP BY. The results are displayed in a grid with over 180 rows, indicating a large dataset. The interface includes a toolbar at the top, a navigation pane on the left, and various status bars at the bottom.

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

sys transactions

Tables

company transaction Views Stored Procedures Functions

credit\_card

```

362 JOIN company
363   transaction ON company.Id = transaction.company_id
364 GROUP BY
365   company.Id
366 ORDER BY
367   AVG(transaction.amount) DESC;
368
369

```

Result Grid

|    | id                                   | credit_card_id | company_id | user_id | lat      | longitude | timestamp           | amount | declined |
|----|--------------------------------------|----------------|------------|---------|----------|-----------|---------------------|--------|----------|
| 54 | 0466A43E-47D7-8D24-F001-C08699713128 | CU-4219        | b-2302     | 176     | -43.9695 | -117.525  | 2021-07-06 07:29:18 | 49.53  | 0        |
| 55 | 03FB3A79-9E82-669F-29F7-3726D19A5    | CU-2987        | b-2250     | 275     | -81.2227 | -128.05   | 2022-04-08 21:25:27 | 92.81  | 0        |
| 56 | 066839EC-CDBA-A8B3-78C6-2E4C49FC0AE  | CU-2743        | b-2346     | 265     | -34.393  | -106.556  | 2022-01-08 02:07:14 | 394.18 | 0        |
| 57 | 08C9AA5A-9E49-20D0-A3E3H9B8A99       | CU-2899        | b-2346     | 92      | 33.783   | 138.298   | 2021-09-08 23:00:01 | 279.83 | 0        |
| 58 | 0744D4D-31A3-7E37-AB91-D04D0240109F  | CU-3225        | b-2386     | 272     | 38.8342  | 92.905    | 2021-06-28 21:11:42 | 346.87 | 1        |

transaction 54 credit\_card 55 transaction 55 VistaMarketing 57 user 58 transaction 59

Action Output

```

103 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3764, DOB32391848393296912425748F, 535 23847, 0 )
104 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3771, CH515735302495325, 4395122895981, 0 )
105 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3775, SE711107574271886544F, 3127272563389, 0 )
106 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3785, ME84213314608744095, 3127272563389, 0 )
107 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3792, P518641168028212532377041, 34232677, 0 )
108 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3799, G033VA9E0125952165954, 4712672967778, 0 )
109 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3806, MC53877211622333247907, 402407167, 0 )
110 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3813, MU1854475162269891811474271, 372 543, 0 )
111 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3827, GB53AMT0419550240330, 491628 45519672, 0 )
112 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3834, GR581136748463257238387, 0 )
113 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3841, KW5119544716341548212319E, 4711676, 0 )
114 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3848, P577658562511815, 3724 884154542, 0 )
115 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3852, SW0227516437147742632321, 424 077 14, 0 )
116 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3859, DE53662914022774405, 448 5527 553587, 0 )
117 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3876, CR29113541721313835, 547 2557 7323 831, 0 )
118 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3883, SA4355247133124120282, 529344645007, 0 )
119 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3890, T363UNPNU2117251251846737, 3459 2244, 0 )
120 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3897, 9559590720070141498, 55394 7733 848, 0 )
121 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3904, 1K511107574271886544F, 3127272563389, 0 )

```

Duration / Fetch

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

sys transactions

Tables

company transaction Views Stored Procedures Functions

credit\_card

```

362 JOIN company
363   transaction ON company.Id = transaction.company_id
364 GROUP BY
365   company.Id
366 ORDER BY
367   AVG(transaction.amount) DESC;
368
369

```

Result Grid

|    | id                                   | credit_card_id | company_id | user_id | lat      | longitude | timestamp           | amount | declined |
|----|--------------------------------------|----------------|------------|---------|----------|-----------|---------------------|--------|----------|
| 54 | 0466A43E-47D7-8D24-F001-C08699713128 | CU-4219        | b-2302     | 176     | -43.9695 | -117.525  | 2021-07-06 07:29:18 | 49.53  | 0        |
| 55 | 03FB3A79-9E82-669F-29F7-3726D19A5    | CU-2987        | b-2250     | 275     | -81.2227 | -128.05   | 2022-04-08 21:25:27 | 92.81  | 0        |
| 56 | 066839EC-CDBA-A8B3-78C6-2E4C49FC0AE  | CU-2743        | b-2346     | 265     | -34.393  | -106.556  | 2022-01-08 02:07:14 | 394.18 | 0        |
| 57 | 08C9AA5A-9E49-20D0-A3E3H9B8A99       | CU-2899        | b-2346     | 92      | 33.783   | 138.298   | 2021-09-08 23:00:01 | 279.83 | 0        |
| 58 | 0744D4D-31A3-7E37-AB91-D04D0240109F  | CU-3225        | b-2386     | 272     | 38.8342  | 92.905    | 2021-06-28 21:11:42 | 346.87 | 1        |

transaction 54 credit\_card 55 transaction 55 VistaMarketing 57 user 58 transaction 59

Action Output

```

103 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3638, FO194599051761838, 458677 668771 8796, 12, 0 )
104 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3645, P577497227442057541860277, 34544405, 0 )
105 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3652, MR08474136404725241354, 453 95346, 22, 0 )
106 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3660, CDE5351674512404850, 4505 764 1397 62, 0 )
107 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3673, AL37227616549797318818901, 53416 7028, 0 )
108 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3680, MD479572051687208180167, 5456 4337 3311, 0 )
109 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3687, CY8237661177210209303277, 3534 7744, 3, 0 )
110 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3694, MK32334446780101, 542 5425 1947 261, 0 )
111 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3701, CY9421374109519731339719, 5151 8299, 6, 0 )
112 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3708, PL3654242365707921522525, 5303428738, 0 )
113 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3715, 133947431577170722239, 4532 634 73 93, 0 )
114 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3722, S505426552397569, 4761686936862567, 27, 0 )
115 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3729, M057208746760086347957, 40260 712895, 0 )
116 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3736, L1723037801275667, 521 84328 8538 272, 0 )
117 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3743, B454235041356401657, 365376254549, 93, 0 )
118 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3750, C1841383803459192781970, 517954545, 0 )
119 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3757, HU511107574271886544F, 3127272563389, 0 )
120 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3764, DO5228164383250412425748F, 535 23847, 0 )
121 12-48-26 INSERT INTO credit_card (id, bin, pan, cvv, expiring_date) VALUES ( CU-3771, CH515735302495325, 4395122895981, 0 )

```

Duration / Fetch

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows a MySQL Workbench interface with multiple tabs open. The main tab displays a complex SQL query involving joins between 'company', 'transaction', and 'credit\_card' tables, with various clauses like WHERE, GROUP BY, and ORDER BY. Below the query, a 'Result Grid' shows the results of the execution, which consists of 54 rows of data. The 'Output' pane shows the execution plan, indicating the use of temporary tables and indexes. The status bar at the bottom right shows the date as 20/04/2024.

The screenshot shows the MySQL Workbench interface with several tabs open. The 'Schemas' tab is selected, displaying the database structure. The 'Transactions' tab shows a query tree for a transaction named 'transaction'. The 'Results' tab displays the output of a query involving multiple joins and aggregate functions. The 'Output' tab shows the execution plan with various stages and their execution times. The bottom status bar indicates the session is connected to 'prueba2222059' and shows the date as 20/04/2024.