

23 MySQL

Тест

1. Напишіть запит, щоб отримати всі відомості про співробітників із таблиці employee упорядковано за іменами за зростанням.
2. Напишіть запит, щоб отримати ім'я, прізвище, зарплату та податки усіх співробітників (податки розраховується як 15% від зарплати).
3. Напишіть запит, щоб отримати загальну суму заробітної плати всіх співробітників.
4. Напишіть запит для отримання максимальної та мінімальної зарплати працівників.
5. Напишіть запит, щоб отримати середню заробітну плату та кількість працівників у таблиці employee.

QA Teacher 5

1.

MySQL Workbench

Navigator

Schemas

alexa_db

Tables

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Column: FIRST_NAME

Collation: latin1_swedish_ci

Definition: FIRST_NAME varchar(20)

SQL Editor

```
select *
from employees
order by FIRST_NAME asc
```

Result grid

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
121	Adam	Frip	AFRIPP	650.123.2234	1987-07-08	ST_MAN	8200.00	0.00	100	50
196	Alana	Walsh	AHALSH	650.507.9611	1987-09-21	SA_CLERK	3100.00	0.00	124	50
147	Alberto	Ernsaus	AERSAUS	011.44.1344.429278	1987-08-03	SA_MAN	12000.00	0.30	100	80
103	Alexander	Hunold	AHUNOLD	990.423.4567	1987-06-20	IT_PROG	9000.00	0.00	102	60
113	Alexander	Khao	AKHAO	515.122.4562	1987-07-02	PL_CLERK	3100.00	0.00	114	30
185	Alexis	Bull	ABULL	650.505.2076	1987-09-10	SA_CLERK	4100.00	0.00	121	50
158	Allan	McEwen	AMCEWEN	011.44.1345.829268	1987-08-14	SA_REP	9000.00	0.35	146	80
175	Alyssa	Hutton	AHUTTON	011.44.1644.429266	1987-08-01	SA_REP	8800.00	0.25	146	80
167	Amit	Bande	ABANDE	011.44.1346.729268	1987-08-13	SA_REP	6200.00	0.10	147	80
187	Anthony	Calero	ACALERO	650.509.4676	1987-09-12	SA_CLERK	3000.00	0.00	121	50
193	Britney	Everett	BEVERETT	650.501.2876	1987-09-19	SA_CLERK	3900.00	0.00	123	50
104	Bruce	Ernst	BERNST	990.423.4568	1987-06-11	IT_PROG	6000.00	0.00	103	60
179	Charles	Johnson	CJOHNSON	011.44.1644.429262	1987-09-04	SA_REP	6200.00	0.10	146	80
153	Christopher	Olson	COLSON	011.44.1344.498718	1987-08-09	SA_REP	8000.00	0.20	146	80
162	Cora	Vehner	CVEHNER	011.44.1346.129268	1987-08-18	SA_REP	10500.00	0.25	147	80
142	Curtis	Davies	CDAVIES	650.121.2994	1987-07-29	ST_CLERK	3100.00	0.00	124	50
109	Daniel	Faviet	DFAVIET	515.124.4169	1987-06-06	PL_ACCOUNTING	9000.00	0.00	108	100
163	Danielle	Green	DGREENE	011.44.1346.229268	1987-08-18	SA_REP	9500.00	0.15	147	80
105	David	Austin	DAUSTIN	990.423.4569	1987-06-22	IT_PROG	4800.00	0.00	103	60
151	David	Bernstein	DBERNSTE	011.44.1344.246268	1987-08-07	SA_REP	9500.00	0.25	146	80
165	David	Lee	DLEE	011.44.1346.329268	1987-08-21	SA_REP	6800.00	0.10	147	80
114	Den	Raphady	DRAPHEAL	515.127.4561	1987-07-01	PL_MAN	11000.00	0.00	100	30
177	Den	Raphady	DRAPHEAL	515.127.4561	1987-07-01	PL_MAN	11000.00	0.00	100	30

employees 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
22	16:23:08	/*M101*/ SET CHARACTER_SET_RESULTS=BOLD_CHARACTER_SET_RESULTS ?	0 row(s) affected	0.016 sec
23	16:23:08	/*M101*/ SET COLLATION_CONNECTION=BOLD_COLLATION_CONNECTION ?	0 row(s) affected	0.000 sec
24	16:25:57	select * from city LIMIT 0, 1000	620 row(s) returned	0.000 sec / 0.000 sec
25	16:36:43	select * from employees order by FIRST_NAME asc LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec

2.

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

alexa_db

Tables

countries

departments

employees

job_history

Columns

Indexes

Foreign Keys

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Views

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Tables

actor

Columns

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Foreign Keys

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Functions

Tables

address

category

city

country

customer

Columns

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

Tables

Information

Table: employees

Columns:

EMPLOYEE_ID decimal(6,0) PK

FIRST_NAME varchar(20)

LAST_NAME varchar(25)

EMAIL varchar(25)

PHONE_NUMBER varchar(20)

HIRE_DATE date

JOB_ID varchar(10)

SALARY decimal(8,2)

COMMISSION_PCT decimal(2,2)

MANAGER_ID decimal(6,0)

DEPARTMENT_ID decimal(4,0)

Object Info Session

Query Completed

1 select FIRST_NAME, LAST_NAME, SALARY, FORMAT(SALARY*15/100, 2) as TAX

2 from employees

Result Grid

FIRST_NAME	LAST_NAME	SALARY	TAX
Steven	King	24000.00	3,600.00
Neena	Kochhar	17000.00	2,550.00
Lex	De Haan	17000.00	2,550.00
Alexander	Hunold	9000.00	1,350.00
Bruce	Ernst	6000.00	900.00
David	Austin	4800.00	720.00
Valli	Pataballa	4800.00	720.00
Diana	Lorentz	4300.00	645.00
Nancy	Greenberg	12000.00	1,800.00
David	Fayear	9000.00	1,350.00
John	Chen	8300.00	1,245.00
Imael	Scarra	7700.00	1,155.00
Ismael	Uman	7800.00	1,170.00
Luis	Popp	6900.00	1,035.00
Den	Raphaely	11000.00	1,650.00
Alexander	Rhoo	3100.00	465.00
Shell	Baida	2900.00	435.00
Sigal	Tobias	2800.00	420.00
Guy	Herrera	2600.00	390.00
Karen	Colmanares	2500.00	375.00
Matthew	Weiss	8000.00	1,200.00
Adam	Popp	8200.00	1,230.00
Deanna	Koehn	7900.00	1,185.00

Output

Action Output

#	Time	Action	Message	Duration / Fetch
29	16:51:32	select FIRST_NAME, LAST_NAME, SALARY, SALARY*15/100 from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
30	16:52:04	select FIRST_NAME, LAST_NAME, SALARY, SALARY*15/100 as NALOG from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
31	16:54:06	select FIRST_NAME, LAST_NAME, SALARY, FORMAT(SALARY*15/100, 2) as NALOG from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
32	16:55:09	select FIRST_NAME, LAST_NAME, SALARY, FORMAT(SALARY*15/100, 2) as TAX from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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

Read Only Context Help Snippets

Query Completed

17°C Cloudy 16:56

3.

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

alexa_db

Tables

countries

departments

employees

job_history

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Foreign Keys

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Views

Stored Procedures

Functions

Tables

address

category

city

country

customer

Columns

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

Tables

Information

Table: employees

Columns:

EMPLOYEE_ID decimal(6,0) PK

FIRST_NAME varchar(20)

LAST_NAME varchar(25)

EMAIL varchar(25)

PHONE_NUMBER varchar(20)

HIRE_DATE date

JOB_ID varchar(10)

SALARY decimal(8,2)

COMMISSION_PCT decimal(2,2)

MANAGER_ID decimal(6,0)

DEPARTMENT_ID decimal(4,0)

Object Info Session

Query Completed

1 select sum(SALARY)

2 from employees

Result Grid

sum(SALARY)
691400.00

Output

Action Output

#	Time	Action	Message	Duration / Fetch
30	16:52:04	select FIRST_NAME, LAST_NAME, SALARY, SALARY*15/100 as NALOG from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
31	16:54:06	select FIRST_NAME, LAST_NAME, SALARY, FORMAT(SALARY*15/100, 2) as NALOG from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
32	16:55:09	select FIRST_NAME, LAST_NAME, SALARY, FORMAT(SALARY*15/100, 2) as TAX from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
33	17:02:59	select sum(SALARY) from employees LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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

Read Only Context Help Snippets

Query Completed

17°C Cloudy 17:03

4.

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

Tables

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Indexes

Foreign Keys

Triggers

job_history

Columns

start_date

end_date

job_id

department_id

Information

Table: employees

Columns:

EMPLOYEE_ID decimal(4,0) PK

FIRST_NAME varchar(20)

LAST_NAME varchar(20)

EMAIL varchar(20)

PHONE_NUMBER varchar(20)

HIRE_DATE date

JOB_ID varchar(10)

SALARY decimal(8,2)

COMMISSION_PCT decimal(2,2)

MANAGER_ID decimal(4,0)

DEPARTMENT_ID decimal(4,0)

Object Info Session

Query Completed

1 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY

2 from employees

Result Grid

MAX_SALARY MIN_SALARY

24000.00 2100.00

Result 24

Action Output

Time Action Message Duration / Fetch

52 17:13:36 select count(EMPLOYEE_ID) from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

53 17:17:58 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

54 17:17:41 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

55 17:17:50 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

56 17:17:51 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

57 17:19:32 select max(SALARY), min(SALARY) as MAX_SALARY, MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

58 17:20:28 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

59 17:20:29 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

60 17:20:46 select max(EMPLOYEE_ID) - min(EMPLOYEE_ID) + 1 as count from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

61 17:21:32 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees group by SALARY Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

62 17:21:59 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees group by EMPLOYEE_ID Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec

63 17:22:29 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees LIMIT 0, 1000 1 row(s) returned 0.015 sec / 0.000 sec

64 17:23:38 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

Query Completed

17°C Mostly cloudy

5.

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

Tables

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Indexes

Foreign Keys

Triggers

job_history

Columns

start_date

end_date

job_id

department_id

Information

Table: employees

Columns:

EMPLOYEE_ID decimal(4,0) PK

FIRST_NAME varchar(20)

LAST_NAME varchar(20)

EMAIL varchar(20)

PHONE_NUMBER varchar(20)

HIRE_DATE date

JOB_ID varchar(10)

SALARY decimal(8,2)

COMMISSION_PCT decimal(2,2)

MANAGER_ID decimal(4,0)

DEPARTMENT_ID decimal(4,0)

Object Info Session

Query Completed

1 select AVG(SALARY) as AVERAGE_SALARY, count(EMPLOYEE_ID) as AMOUNT_OF_EMPLOYEES

2 from employees

Result Grid

AVERAGE_SALARY AMOUNT_OF_EMPLOYEES

6416.82243 107

Result 49

Action Output

Time Action Message Duration / Fetch

89 21:50:06 select AVG(SALARY) as AVERAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec / 0.000 sec

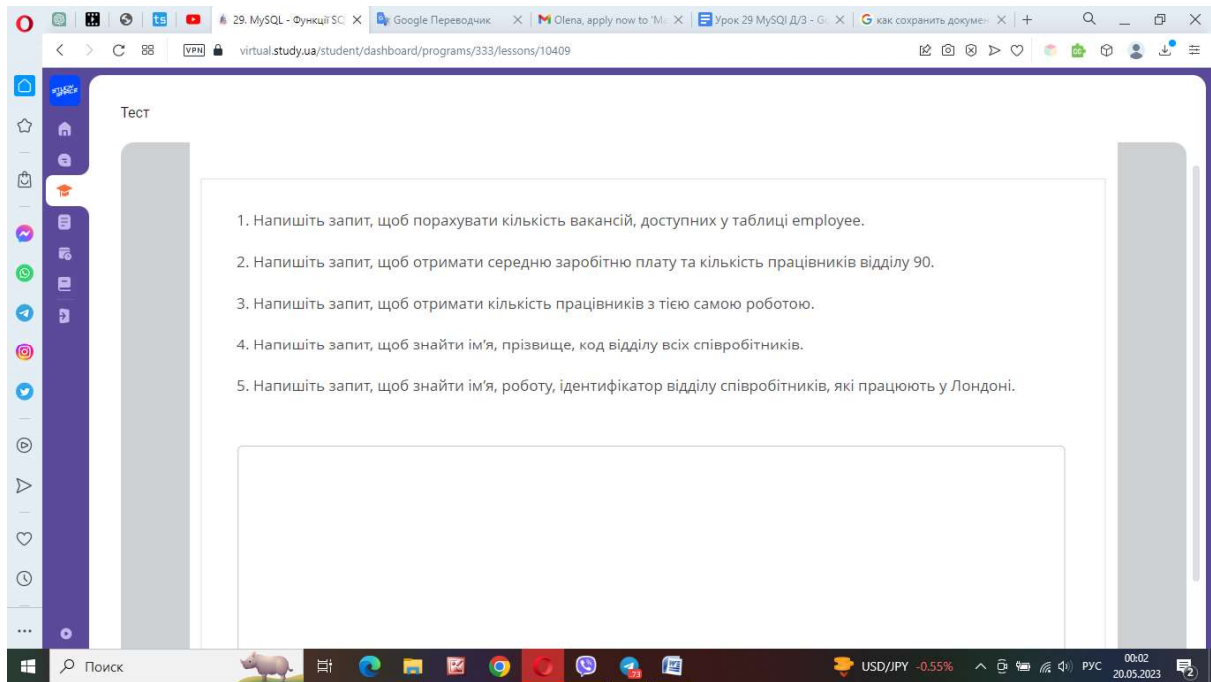
90 21:52:13 select AVG(SALARY) as AVERAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec / 0.000 sec

91 21:52:32 select AVG(SALARY) as AVERAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec / 0.000 sec

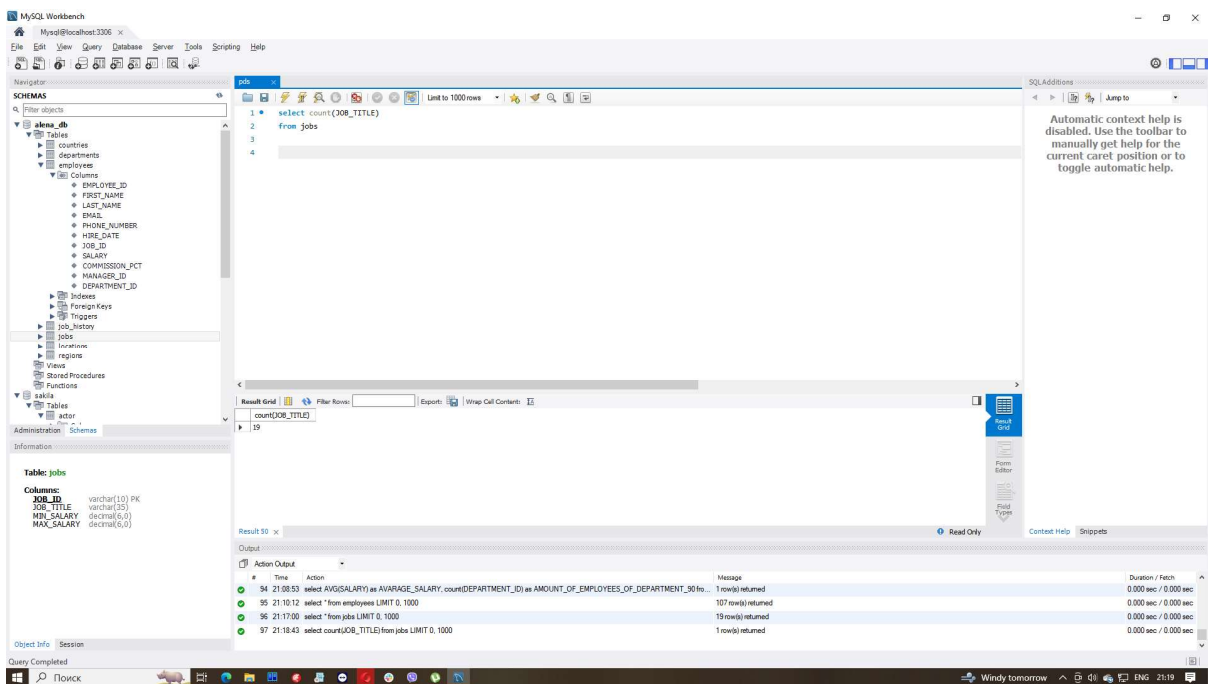
92 21:54:23 select AVG(SALARY) as AVERAGE_SALARY, count(EMPLOYEE_ID) as AMOUNT_OF_EMPLOYEES from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

Query Completed

16°C Mostly cloudy



1.



MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

alexa_db

Tables

countries

departments

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Indexes

Foreign Keys

Triggers

Jobs

Locations

Regions

Views

Stored Procedures

Functions

Information

Table: jobs

Columns:

JOB_ID varchar(10) PK

JOB_TITLE varchar(35)

MIN_SALARY decimal(6,0)

MAX_SALARY decimal(6,0)

Query Editor

```

1 select count(JOB_ID)
2 from employees
3

```

Result Grid

Filter Rows

Export

Wrap Cell Contents

count(JOB_ID)

107

Output

Action Output

Time	Action	Message	Duration / Fetch
96 21:17:00	select * from jobs LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
97 21:18:43	select count(JOB_TITLE) from jobs LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
98 21:20:40	select count(JOB_ID) from employees LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
99 21:20:52	select count(JOB_ID) from employees LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

SQL Additions

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

Read Only

Context Help

Snippets

Query Completed

Поиск

16°C Cloudy

21:28

2.

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

alexa_db

Tables

countries

departments

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Indexes

Foreign Keys

Triggers

Jobs

Locations

Regions

Views

Stored Procedures

Functions

Information

Column: DEPARTMENT_ID

Definition:

DEPARTMENT_ID decimal(4,0)

Query Editor

```

1 select AVG(SALARY) as AVERAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90
2 from employees
3 where DEPARTMENT_ID = 90
4

```

Result Grid

Filter Rows

Export

Wrap Cell Contents

AVERAGE_SALARY

AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90

19333.333333

3

Output

Action Output

Time	Action	Message	Duration / Fetch
91 21:02:32	select AVG(SALARY) as AVERAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 from	1 row(s) returned	0.000 sec / 0.000 sec
92 21:04:23	select AVG(SALARY) as AVERAGE_SALARY, count(EMPLOYEE_ID) as AMOUNT_OF_EMPLOYEES from employees LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
93 21:08:16	select count(JOB_ID) from employees LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
94 21:08:53	select AVG(SALARY) as AVERAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 from	1 row(s) returned	0.000 sec / 0.000 sec

SQL Additions

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

Read Only

Context Help

Snippets

Query Completed

Поиск

16°C Mostly cloudy

21:08

3.

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

alexa_db

Tables

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employees

job_history

jobs

Columns

JOB_ID

JOB_TITLE

MIN_SALARY

MAX_SALARY

Indexes

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Triggers

Locations

regions

Views

Stored Procedures

Functions

Tables

employees

Columns

Address

category

city

Administration Schemas

Information

Column: JOB_ID

Collation: latin1_swedish_ci

Definition:

JOB_ID varchar(10) PK

Query

```

1 select count(JOB_ID) as IT_PROG
2 from employees
3 where JOB_ID = 'IT_PROG'
4

```

Result Grid

JOB_ID	COUNT
IT_PROG	5

Export: | Wrap Cell Contents: |

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
104	21:38:12	select * from employees LIMIT 0, 1000	107 row(s) returned	0.076 sec / 0.000 sec
105	21:38:58	select count(JOB_ID) as IT_PROG from employees where JOB_ID = 'IT_PROG' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
106	21:39:40	select JOB_ID, count(JOB_ID) as IT_PROG from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
107	21:46:25	select count(JOB_ID) as IT_PROG from employees where JOB_ID = 'IT_PROG' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Query Completed

16°C Cloudy

ENG 21:48

MySQL Workbench

MySql@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

alexa_db

Tables

countries

departments

employees

job_history

jobs

Columns

JOB_ID

JOB_TITLE

MIN_SALARY

MAX_SALARY

Indexes

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regions

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Stored Procedures

Functions

Tables

employees

Columns

Address

category

city

Administration Schemas

Information

Column: JOB_ID

Collation: latin1_swedish_ci

Definition:

JOB_ID varchar(10) PK

Query

```

1 select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID
2 from employees
3 group by JOB_ID
4

```

Result Grid

JOB_ID	AMOUNT_OF_JOB_ID
AC_ACCOUNT	1
AC_PROJ	1
AD_ASST	1
AD_PREP	1
AD_SUP	2
FL_ACCOUNT	5
FL_MGR	1
HR_REP	1
IT_PROG	5
MC_MAN	1
MC_REP	1
PR_REP	1
PL_CLERK	5
PL_MAN	1
SA_MAN	5
SA_REP	30
SH_CLERK	20
ST_CLERK	20
ST_MAN	5

Export: | Wrap Cell Contents: |

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
111	21:45:17	select JOB_ID, count(JOB_ID) from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
112	21:50:26	select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
113	21:50:42	select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
114	21:50:49	select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec

Query Completed

USD/JPY 0.54%

ENG 21:50

4.

MySQL Workbench

Myd@localhost:3306 x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHMAS

Filter objects

alexa_db

Tables

countries

departments

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Indexes

ForeignKeys

job_history

jobs

Columns

JOB_ID

JOB_TITLE

MIN_SALARY

MAX_SALARY

Indexes

ForeignKeys

Triggers

Administration

Schemas

Information

Column: DEPARTMENT_ID

Definition:

DEPARTMENT_ID decimal(4,0)

SQL Editor

```

1 select FIRST_NAME, LAST_NAME, DEPARTMENT_ID
2 from employees
3

```

Result Grid

FIRST_NAME	LAST_NAME	DEPARTMENT_ID
Steven	King	90
Neena	Kochhar	90
Lex	De Haan	90
Alexander	Hunold	60
Bruce	Ernst	60
David	Austin	60
Valli	Pataballa	60
Shelley	Stevens	60
Nancy	Greenberg	100
David	Faynet	100
John	Chen	100
Ismael	Saoran	100
Jose Manuel	Uman	100
Luke	Popp	100
Den	Raphaely	30
Alexander	Khoo	30
Shelley	Baer	30
Sigal	Tobias	30
Guy	Himuro	30

employees 67 x

Output

Action Output

Time	Action	Message	Duration / Feeds
113 21:50:42	select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
114 21:50:43	select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID from employees group by JOB_ID LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
115 21:54:10	select * from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec
116 21:55:32	select FIRST_NAME, LAST_NAME, DEPARTMENT_ID from employees LIMIT 0, 1000	107 row(s) returned	0.000 sec / 0.000 sec

Query Completed

15°C Cloudy

5.

MySQL Workbench

Myd@localhost:3306 x

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alexa_db

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countries

departments

employees

Columns

EMPLOYEE_ID

FIRST_NAME

LAST_NAME

EMAIL

PHONE_NUMBER

HIRE_DATE

JOB_ID

SALARY

COMMISSION_PCT

MANAGER_ID

DEPARTMENT_ID

Indexes

ForeignKeys

job_history

jobs

Columns

JOB_ID

JOB_TITLE

MIN_SALARY

MAX_SALARY

Indexes

ForeignKeys

Triggers

Administration

Schemas

Information

Column: CITY

Collation: latin1_swedish_ci

Definition:

CITY varchar(30)

SQL Editor

```

1 select employees.FIRST_NAME, jobs.JOB_TITLE, departments.DEPARTMENT_ID, departments.DEPARTMENT_NAME, locations.CITY
2 from employees
3 left join jobs on (employees.JOB_ID=jobs.JOB_ID)
4 left join departments on (employees.DEPARTMENT_ID=departments.DEPARTMENT_ID)
5 left join locations on (departments.LOCATION_ID=locations.LOCATION_ID)
6 where locations.CITY='London'
7

```

Result Grid

FIRST_NAME	JOB_TITLE	DEPARTMENT_ID	DEPARTMENT_NAME	CITY
Susan	Human Resources Representative	40	Human Resources	London

Result 89 x

Output

Action Output

Time	Action	Message	Duration / Feeds
139 23:00:25	select employees.FIRST_NAME, jobs.JOB_TITLE, departments.DEPARTMENT_ID, departments.DEPARTMENT_NAME, locations.CITY from employees left join jobs o...	107 row(s) returned	0.016 sec / 0.000 sec
140 23:01:53	select employees.FIRST_NAME, jobs.JOB_TITLE, departments.DEPARTMENT_ID, departments.DEPARTMENT_NAME, locations.CITY from employees left join jobs o...	1 row(s) returned	0.000 sec / 0.000 sec
141 23:03:15	select employees.FIRST_NAME, jobs.JOB_TITLE, departments.DEPARTMENT_ID, departments.DEPARTMENT_NAME, locations.CITY from employees left join jobs o...	1 row(s) returned	0.000 sec / 0.000 sec
142 23:04:18	select employees.FIRST_NAME, jobs.JOB_TITLE, departments.DEPARTMENT_ID, departments.DEPARTMENT_NAME, locations.CITY from employees left join jobs o...	1 row(s) returned	0.000 sec / 0.000 sec

Query Completed

14°C Cloudy