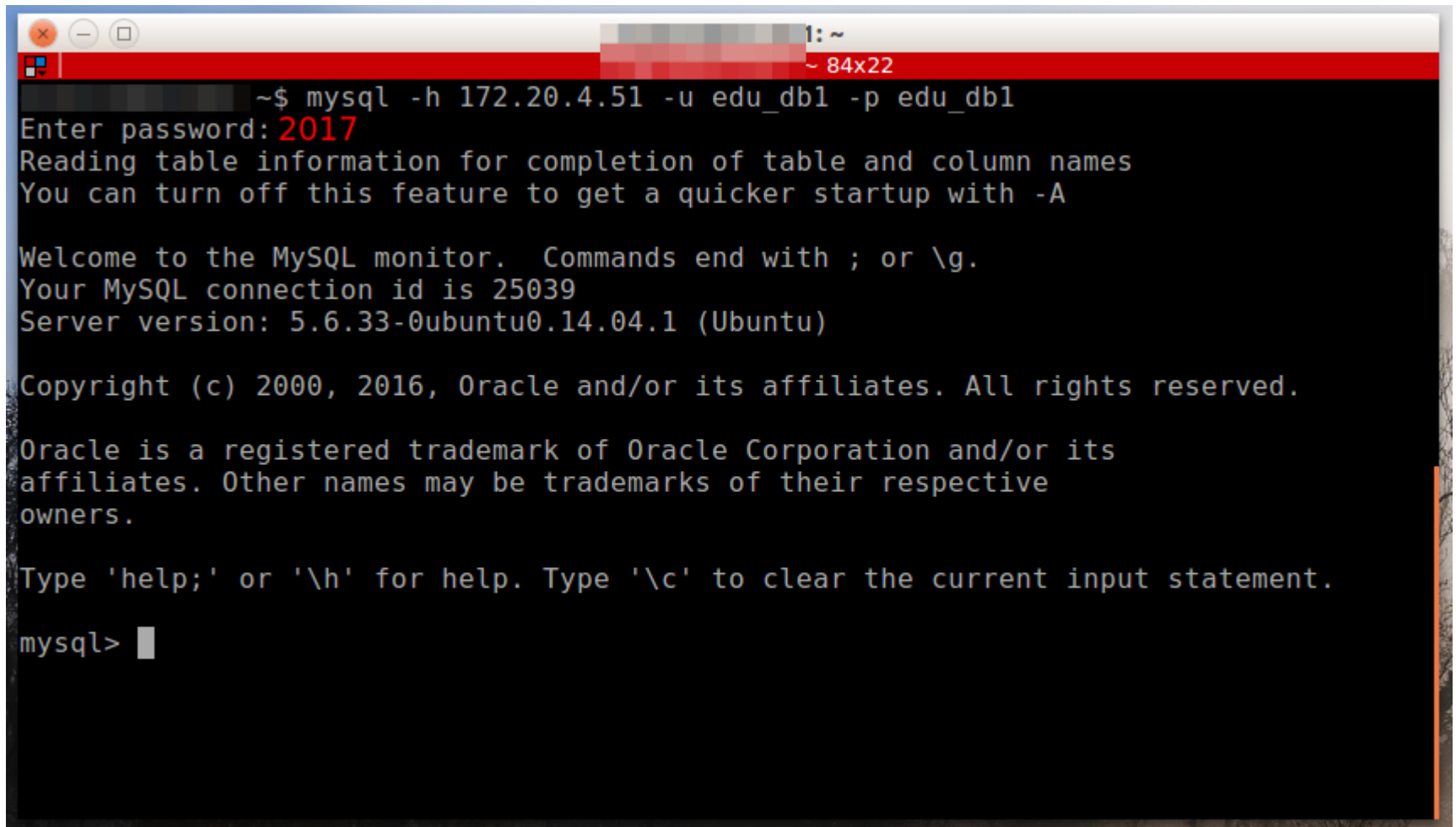


SQL + OLAP

SQL + OLAP

# Additional info

- press Ctrl+Alt+T in Linux

A terminal window with a red title bar and standard Linux window controls. The terminal shows the execution of the 'mysql' command with host, user, and password. It displays the MySQL welcome message, including the connection ID and server version. The prompt 'mysql>' is visible at the bottom.

```
~$ mysql -h 172.20.4.51 -u edu_db1 -p edu_db1
Enter password: 2017
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 25039
Server version: 5.6.33-0ubuntu0.14.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

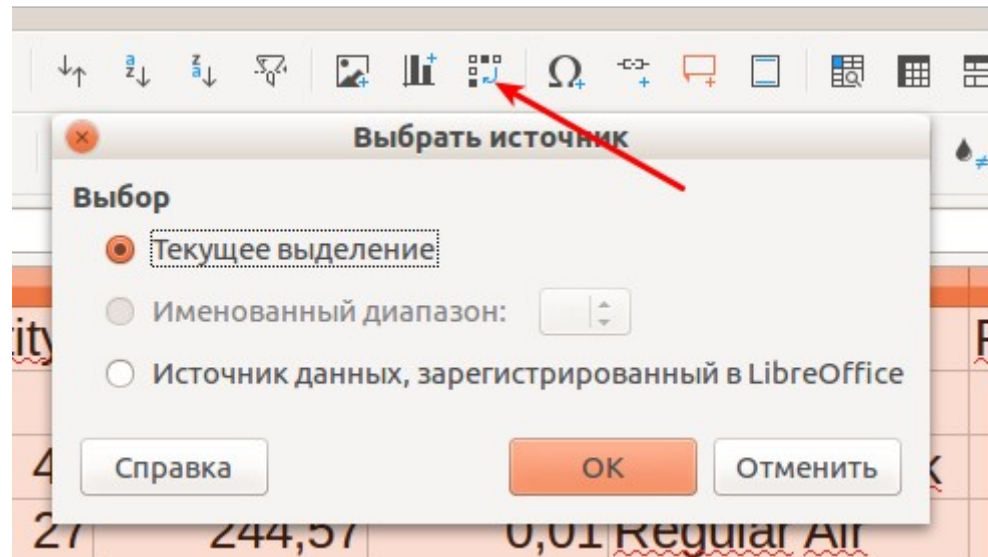
mysql> █
```

# Task

- See fields in **sales**. (DESC <tablename>);
- Account number of orders;
- Account number of order per every day.
- Account required number of employee to process all incoming orders in a day of request. Lets say that one employee can process no more than 2 orders per day.
- Find out the month with highest income.

# Use LibreOffice

- Download Sample.csv (<http://elab.pro/mod/resource/view.php?id=817>)
- Load it into LibreOffice.Calc or MS Office Excel.
- Make Pivot table and find answers for previous task.



# OLAP

Разметка сводной таблицы

**Поля страниц:**

**Доступные поля:**

- Row\_ID
- Order\_ID
- Order\_Date
- Order\_Priority
- Order\_Quantity
- Sales
- Discount
- Ship\_Mode
- Profit
- Unit\_Price
- Shipping\_Cost
- Customer\_Name
- Province
- Region
- Customer\_Segment
- Product\_Category
- Product\_Sub-Category
- Product\_Name
- Product\_Container
- Product\_Base\_Margin
- Ship\_Date

**Поля столбцов:**

Province

**Поля строк:**

Ship\_Mode

**Поля данных:**

Count - Order ID

Перетащите поля в требуемую область

- ▶ Параметры
- ▶ Источник и назначение

Справка      ОК      Отменить