1. Downloading the Raw Data
   
   Go to [http://www.ifi.uzh.ch/bi/teaching/fall2014/lecture.html](http://www.ifi.uzh.ch/bi/teaching/fall2014/lecture.html)

   Download the tutorial_accounts.txt and tutorial_contributor.txt.

   Delete the first line of both files, and save them to your local disk.

   For example 'C:/tutorial_accounts.txt' & 'C:/tutorial_contributor.txt'
2. Downloading MySQL Installer


(Or [http://cdn.mysql.com/Downloads/MySQLInstaller/mysql-installer-community-5.5.28.1.msi](http://cdn.mysql.com/Downloads/MySQLInstaller/mysql-installer-community-5.5.28.1.msi))
3. Install the MySQL package

Double click the execution file of mysql-installer-community-5.5.28.1.msi
1. Click to accept the terms
2. Click Next
Find latest products

Before the installation is performed, the Installer will check if there are newer versions of the products you are about to install / already installed are available.

- Connect to the Internet
- Fetch product update information

The operation is complete. Please click 'Next >' to continue.

[Optional]

- Skip the check for updates (not recommended)

Next > Cancel

Choosing a Setup Type

Please select the Setup Type that suits your use case.

- **Developer Default**
  - Installs all products needed for MySQL development purposes.

- **Server only**
  - Installs only the MySQL Server product.

- **Client only**
  - Installs only the MySQL Client products, without a server.

- **Full**
  - Installs all included MySQL products and features.

- **Custom**
  - Manually select the products that should be installed on the system.

**Setup Type Description**

- Installs the MySQL Server and the tools required for MySQL application development. This is useful if you intend to develop applications for an existing server.

**This Setup Type Includes:**
- MySQL Server
- MySQL Workbench
- The SQL application to develop for and manage the server.

**Installation Path:**
- C:\Program Files\MySQL\

**Data Path:**
- C:\ProgramData\MySQL\MySQL Server 5.5.1

Next > Cancel
Installation Progress

The following products will be installed or updated.

<table>
<thead>
<tr>
<th>Product</th>
<th>Status</th>
<th>Progress</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MySQL Server 5.5.28</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>MySQL Workbench CE 5.2.44</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>MySQL Ntifier 1.6.3</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>MySQL For Excel 1.0.7</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>Connector/ODBC 5.1.11</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>Connector/C++ 1.1.0</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>Connector/C 6.0.2</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>Connector/J 5.1.20.0</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>Connector/NET 6.5.4</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>MySQL Documentation 5.3.28</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
<tr>
<td>Samples and Examples 5.5.28</td>
<td>Install</td>
<td>success</td>
<td></td>
</tr>
</tbody>
</table>

Show Details >

< Back  Next >  Cancel

Configuration Overview

The following products will now be configured.

<table>
<thead>
<tr>
<th>Product</th>
<th>Action to be performed</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>MySQL Server 5.5.28</td>
<td>Initial Configuration.</td>
<td></td>
</tr>
<tr>
<td>Samples and Examples 5.5.28</td>
<td>Initial Configuration.</td>
<td></td>
</tr>
</tbody>
</table>

Show Details >

< Back  Next >  Cancel
1. Set the password

2. Click Next
MySQL Installer

MySQL Server Configuration

Windows Service Details
Please specify a Windows Service name to be used for the MySQL Server instance. A unique name is required for each instance.

Windows Service Name: MySQL5.5

- Start the MySQL Server at System Startup

Run Windows Service as...
The MySQL Server needs to run under a given user account. Based on the security requirements of your system, you need to pick one of the options below.

- Standard System Account
  Recommended for most scenarios.
- Custom User
  An existing user account can be selected for advanced scenarios.

< Back  Next >  Cancel

Configuration Overview
The following products will now be configured.

<table>
<thead>
<tr>
<th>Product</th>
<th>Action to be performed</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>MySQL Server 5.5.28</td>
<td>ConfigurationComplete.</td>
<td></td>
</tr>
<tr>
<td>Samples and Examples 5.5.28</td>
<td>ConfigurationComplete.</td>
<td></td>
</tr>
</tbody>
</table>

Show Details >
4. Create a schema named "tutorial"

Double click here after the MySQL workbench is started,
Create a new SQL tab, and fill in the SQL tab with:

```
create table tutorial.accounts (account_id nvarchar(50), country_code nvarchar(50), kudo_rank nvarchar(50), name nvarchar(100))
```
After execution, a new table named "accounts" will be established.

1. Click to create a new SQL tab
2. Write down the SQL statements to establish a new table
3. Execute
6. Load the data "accounts.txt" into the table of "accounts"

Create a new SQL tab, and fill in the SQL tab with:

```
load data local infile 'C:/tutorial_accounts.txt' into table tutorial.accounts
```

After execution, the data in "accounts.txt" will be imported into the table of "accounts"

---

7. Create a table named "contributor"

Create a new SQL tab, and fill in the SQL tab with:

```
create table tutorial.contributor (projectid nvarchar(50), developercount nvarchar(50), account_id int, man_months nvarchar(50), primary_language_id nvarchar(50), account_name nvarchar(255))
```

After execution, a new table named "contributor" will be established.
8. Load the data "tutorial_contributor.txt" into the table of "contributor"

Create a new SQL tab, and fill in the SQL tab with:

```
load data local infile 'C:/tutorial_contributor.txt' into table tutorial.contributor
```

After execution, the data in "tutorial_contributor.txt" will be imported into the table of "contributor"
9. Generation of the Node Data

Execute the SQL statement:

```
select * from tutorial.accounts
```

Copy the result and paste it to a txt file for Node Data.

10. Generation of the Tie Data

Execute the SQL statement:

```
select p.account_id, q.account_id, count(*)
from tutorial.contributor as p, tutorial.contributor as q
where p.projectid = q.projectid And p.account_id < q.account_id
```
group by p.account_id, q.account_id

Copy the result and paste it to the txt file for Tie Data.
1. Save the file as tutorial.vna
2. Add it to the txt file
3. Paste the Tie Data

11. Save the file as tutorial.vna