

Practical MySQL

- Generated columns
 - <http://www.mysqltutorial.org/mysql-generated-columns/>
- UUID
 - <https://mysqlserverteam.com/storing-uuid-values-in-mysql-tables/>
 - <https://stackoverflow.com/questions/49557131/mysql-5-6-right-choice-of-data-type-for-uuid-as-primary-key>
- View blob in workbench
 - <https://stackoverflow.com/questions/4343945/how-can-i-directly-view-blobs-in-mysql-workbench/49310058>

- Datatypes

- <https://dev.mysql.com/doc/refman/8.0/en/data-types.html>
- <http://www.codedata.com.tw/database/mysql-tutorial-8-storage-engine-datatype/>

- Foreign Key on update/delete

- <https://dev.mysql.com/doc/refman/5.5/en/create-table-foreign-keys.html>
- <https://stackoverflow.com/questions/16163301/mysql-workbench-foreign-key-options-restrict-cascade-set-null-no-action-wh>

- Salt generator
 - <https://www.grc.com/passwords.htm>
- Last insert ID
 - <https://dev.mysql.com/doc/refman/8.0/en/getting-unique-id.html>
 - [http://www.mysqltutorial.org/mysql-last insert id.aspx](http://www.mysqltutorial.org/mysql-last-insert-id.aspx)
- Stored Procedures
 - <http://www.mysqltutorial.org/stored-procedures-parameters.aspx>

Relationships: 1:1, 1:M, M:N

- In a 1:1 relationship, one entity instance is associated with only one instance of the related entity.
- In a 1:M relationship, one entity instance is associated with many instances of the related entity.
- Associations among two or more entities, in which one occurrence of an entity is associated with many occurrences of a related entity and one occurrence of the related entity is associated with many occurrences of the first entity.

Relationships: Identifying vs Non-identifying

- **Identifying relationship** exists when the related entities are existence-dependent. Also called a *strong relationship* or *strong identifying relationship* because the dependent entity's primary key contains the primary key of the parent entity.
- **Non-identifying relationship** occurs when the primary key of the dependent (many side) entity does not contain the primary key of the related parent entity. Also known as a *weak relationship*

MySQL

- <http://www.mysqltutorial.org/>
- <https://dev.mysql.com/doc/refman/8.0/en/>
- <https://www.tutorialspoint.com/mysql/>
- <https://www.javatpoint.com/mysql-tutorial>

Views

- <http://www.mysqltutorial.org/mysql-views-tutorial.aspx>
- <http://www.mysqltutorial.org/introduction-sql-views.aspx>

Stored Function

- <http://www.mysqltutorial.org/mysql-stored-function/>
- <https://www.geeksforgeeks.org/mysql-creating-stored-function/>

Stored Procedures

- <http://www.mysqltutorial.org/mysql-stored-procedure-tutorial.aspx>