

Database with a View: Creating Views and Tables in MySQL

What is a View?

- A window to show existing data
- Saves time and processing power if you access that data regularly

Generic Code to Create Views

```
create view viewName as  
select column1, column 2  
from tableName
```

Just a select statement that you plop a create view on top of!

View names must be unique

Creating Tables

```
create table tableName(  
    colName datatype,  
    colName datatype,  
    colName datatype  
)
```

Data Types

- CHAR()
- VARCHAR()
- NVARCHAR()
- INTEGER
- DATETIME
- NUMERIC
- TIMESTAMP
- CURRENT_TIMESTAMP

Constraints

- NOT NULL
- UNIQUE
- PRIMARY KEY
- AUTO_INCREMENT
- FOREIGN KEY

Inserting Data

```
insert into tableName (col1, col2, col3)  
values (value1, value2, value3)
```

If your table is NOT NULL than you must include all the columns