

## Installation Guideline (MySQL)

### 1. Prerequisites

- **MySQL Server:** Ensure MySQL is installed and
- **SQL File:** `airbnb_database.sql` (file name may vary). This file contains the SQL statements for creating tables and inserting sample data.

### 2. Creating and Setting Up the Database

#### 1. Create a New Database:

- After connecting to MySQL (either via the command line or MySQL Workbench), run:

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```
CREATE DATABASE airbnb_db;  
USE airbnb_db;
```

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#### 2. Import the SQL file:

- From the command line (Terminal or CMD):

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```
mysql -u <username> -p airbnb_db < /path/to/airbnb_database.sql
```

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- This command will automatically apply the schema, relationships, and INSERT statements defined in `airbnb_database.sql` to your `airbnb_db` database.
- If you use MySQL Workbench, you can go to “File -> Open SQL Script” to load your `.sql` file, then select `airbnb_db` as the **Default Schema** and run all commands.

#### 3. Verification:

- To confirm successful database creation, use:

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```
SHOW TABLES;
```

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- To verify that each table has the correct number of records (e.g., at least 20), you can run:

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```
SELECT COUNT(*) FROM user_account;
```

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