SQLIte

[SQLite](https://www.tutlane.com/tutorial/sqlite) is an open-source lightweight relational database management system (RDBMS) to perform database operations, such as storing, updating, retrieving data from the database.

By default, Android comes with built-in [SQLite Database](https://www.tutlane.com/tutorial/sqlite) support and it stores our database in a private disk space that’s associated with our application and the data is secure

In android, by using **SQLiteOpenHelper** class we can easily create the required database and tables for our application.

For that , need to create a subclass that overrides the **onCreate()** and **onUpgrade()** call-back methods.

| **Method** | **Description** |
| --- | --- |
| onCreate() | This method is called only once throughout the application after the database is created and the table creation statements can be written in this method. |
| onUpgrade() | This method is called whenever there is an updation in the database like modifying the table structure, adding constraints to the database, etc. |
| public synchronized void  close () | closes the database object. |
| public void onDowngrade(SQLiteDatabase db, int oldVersion, int newVersion) | called when database needs to be downgraded. |