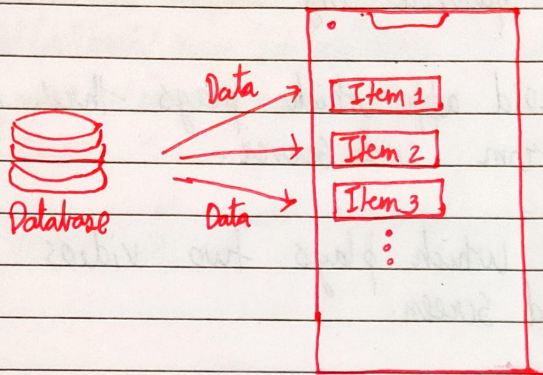# Chapter 7 - Storing Data

Saving data makes apps more lively.

Data persistence = Storing & saving the data

In android, we can save data using these common ways:
- → Text File → Not Efficient
- → Shared Preferences → Somewhat efficient
- → Database → Highly Efficient

Shared Preferences

Shared Preferences allow us to save and retrieve data in the form of key, value pair

We can access Shared preferences like this:

```
SharedPreferences sP = getSharedPreferences (MESSAGE, MODE_PRIVATE)
    SharedPreferences. Editor ed = sP.edit();
ed.putString ("text", "This is me");
ed.apply();                              ↘ Storing Data
```

SP. getString ("text", "default value");

Retreive Data

Working with Database

We can use SQLite database to work with databases in Android.

We can create a class extending from SQLite OpenHelper and use it for CRUD operations