local storage in flutter:

1. SharedPreferences :

- Best for storing small amounts of simple data .

- Uses the shared_preferences package.

- Data is stored persistently across app restarts.

Installation:

```yaml
dependencies:
  shared_preferences: latest_version
```

2. Hive (NoSQL Database)

- Lightweight and fast key-value database.

- Good for structured data storage.

- Works offline and supports encryption.

Installation:

```yaml
dependencies:
```

```yaml
  hive: latest_version
  hive_flutter: latest_version

dev_dependencies:
  hive_generator: latest_version
  build_runner: latest_version
```

3. Sqflite (SQLite Database)

- Best for storing structured relational data.

- Uses SQL queries.

- Ideal for apps requiring complex queries and relationships.

Installation:

yaml

```yaml
dependencies:
  sqflite: latest_version
  path_provider: latest_version
```