Best database solution to be used for Project: “New”

Criterias determined:

* Simple and Fast Setup
* Hardware / Software Requirement
* Cross-Platform
* Special Network Access Requirement
* Single User Access Requirement
* Easy Backup
* Transferability and Portability
* Cost
* Python Language Compatibility

Databases to evaluated:

* MSSQL
* Oracle
* SQLite
* MySQL (or MariaDB)
* PostgreSQL
* Microsoft Access
* LibreOffice Base

**Criteria Importance rating**:   
How important each criteria is, where 1 is not very important, and 5 is very important.

**Database rating against criteria:**  
Rating for each database against each criteria.  
Where 0 means it doesn’t meet the criteria at all, and 5 meets the criteria extremely well.

**Suggested Database Solution based on findings:**Based on the total database score with the criterias listed and rate on importance, I have found that SQLite checks a lot of boxes for the new project. It is a very simple database with a less hardware requirements which can be setup quickly. It is very easy to backup and is transferable. And it meets the very important criterias that are cost and compatibility with Python language.   
So I highly suggest to use SQLite as database for the new project.

