|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | MSSQL | Oracle | SQLite | MySQL (MariaDB) | PostgreSQL | Microsoft Access | LibreOffice Base |
| Simplicity of setup (4) | 1\*4 = 4 | 1\*4=4 | 5\*4=20 | 3\*4=12 | 3\*4=12 | 4\*4=16 | 4\*4=16 |
| Speed (5) | 3\*5=15 | 4\*5=20 | 5\*5=25 | 4\*5=20 | 4\*5=20 | 3\*5=15 | 5\*5=25 |
| Cross-platform compatibility (3) | 1\*3=3 | 1\*3=3 | 5\*3=15 | 5\*3=15 | 5\*3=15 | 1\*3=3 | 3\*3=9 |
| No special hardware/software requirements (4) | 2\*4=8 | 2\*4=8 | 4\*4=16 | 5\*4=20 | 5\*4=20 | 3\*4=12 | 3\*4=12 |
| Single user access (5) | 3\*5=15 | 3\*5=15 | 3\*5=15 | 4\*5=20 | 5\*5=25 | 5\*5=25 | 2\*5=10 |
| Easy backup/transfer (5) | 2\*5=10 | 1\*5=5 | 4\*5=20 | 4\*5=20 | 4\*5=20 | 3\*5=15 | 1\*5=5 |
| Cost (5) | 1\*5=5 | 1\*5=5 | 3\*5=15 | 5\*5=25 | 3\*5=15 | 4\*5=20 | 3\*5=15 |
| Compatibility with Python (5) | 4\*5=20 | 4\*5=20 | 2\*5=10 | 5\*5=25 | 1\*5=5 | 2\*5=10 | 1\*5=5 |
|  | 80 | 80 | 136 | 157 | 132 | 116 | 97 |

Based on the evaluation MySQL(MariaDB) appears to be the best choice for this phase of the project, having the highest total of (157) among all the databases evaluated.