

	Browser	GUI
Pros	<ul style="list-style-type: none"> <li>- Many libraries in python</li> <li>- A lot of development support</li> <li>- OS independent</li> <li>- Separate front and backend</li> <li>- Modern UI, responsive</li> <li>- Adaptive layout to various screen sizes (even phones!)</li> <li>- Browser accessibility features (colorblindness, font size)</li> </ul>	<ul style="list-style-type: none"> <li>- Snappy feel</li> <li>- Looks like OS</li> <li>- Faster</li> <li>- Instant read/write and access files</li> <li>- Pure python only</li> <li>- PyQt is powerful GUI tool</li> </ul>
Cons	<ul style="list-style-type: none"> <li>- Slower than GUI</li> <li>- Smaller upload file size limits</li> <li>- Needs some background/server process</li> <li>- Browser might block features/hard to program around some browsers</li> <li>- Need to download files</li> <li>- More technologies needed (server, frontend, javascript?, etc)</li> <li>- Larger learning curve</li> </ul>	<ul style="list-style-type: none"> <li>- OS dependent, although running on python should mitigate that</li> <li>- Limited by toolkit</li> <li>- More rigid structure</li> </ul>

	Local	Server
Pros	<ul style="list-style-type: none"> <li>- User has full control</li> <li>- Privacy built in (no need for encryption etc)</li> <li>- Good hardware will allow fast calculations</li> <li>- Less overhead with file transferring</li> <li>- Less infrastructure needed (no API, connection, etc)</li> <li>- No need to sanitize input against malware/hacks/etc</li> <li>- Instant access to user hardware</li> <li>- Native feel</li> </ul>	<ul style="list-style-type: none"> <li>- Can track usage/analytics and improve experience</li> <li>- Updates are automatic and reach every user automatically</li> <li>- Easier dev for a single linux environment</li> <li>- Subject to hacks</li> <li>- Scalable</li> </ul>
Cons	<ul style="list-style-type: none"> <li>- User needs to install everything (unless combined into a bundled executable)</li> <li>- Update software if needed</li> <li>- Test for different configurations (macos, windows)</li> <li>- Slow hardware will be felt</li> </ul>	<ul style="list-style-type: none"> <li>- Server costs</li> <li>- Need/expected to provide support</li> <li>- People see it as more professional, expect some functionalities such as keyboard shortcuts and less bugs</li> </ul>

		<ul style="list-style-type: none"><li>- Networking and security concerns</li><li>- Implement queue for resources</li><li>- harder to setup</li></ul>
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