The Algorithm as a Human Artifact
Legal research is the analysis, search process, information evaluation, and reasoning necessary to ethically solve problems and provide legal advice.

Legal research is integral to lawyers’ professional competence.
The Westlaw Search Box
<table>
<thead>
<tr>
<th>Lexis Advance (4814)</th>
<th>Westlaw (128)</th>
<th>Bloomberg (1000+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>US v. Brewer*</td>
<td>US v. McDaniel*</td>
<td>US v. Murphy*</td>
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</tbody>
</table>
An Algorithm Must be Seen to be Believed

Terms
Proximity
Stemming and Other Search Grammar
Network Analysis
Classification and Content Analysis
Prioritization
Filtering
You Have an Ethical Duty

**Rule 1.1: Competence**

**Client-Lawyer Relationship**

**Rule 1.1 Competence**

A lawyer shall provide competent representation to a client. Competent representation requires the legal knowledge, skill, thoroughness and preparation reasonably necessary for the representation.
Maintaining Competence

[8] To maintain the requisite knowledge and skill, a lawyer should keep abreast of changes in the law and its practice, including the benefits and risks associated with relevant technology, engage in continuing study and education and comply with all continuing legal education requirements to which the lawyer is subject.
Tech Competence

Click on any state in blue for its rule