

Category	Topic	Points	Poor ( $score \leq 60\%$ )	Acceptable ( $60\% < score \leq 90\%$ )	Excellent ( $score > 90\%$ )
Code	Clarity and organization	7	<ul style="list-style-type: none"> <li>- Not readable</li> <li>- No citation</li> <li>- Poor structure</li> <li>- Inoperable</li> </ul>	<ul style="list-style-type: none"> <li>- Operable</li> <li>- Minor issues</li> <li>- Lacks descriptive comments to document code</li> </ul>	<ul style="list-style-type: none"> <li>- Clean structure</li> <li>- Clear purpose</li> <li>- Efficiently coded</li> </ul>
Code	Documentation of data source	2	<ul style="list-style-type: none"> <li>- Not cited</li> </ul>	<ul style="list-style-type: none"> <li>- Cited but missing necessary information</li> <li>- No download link</li> </ul>	<ul style="list-style-type: none"> <li>- Well cited, all necessary info (organization collecting data, web address for data access, any borrowed code chunks cited)</li> </ul>
Code	Efficiency	3	<ul style="list-style-type: none"> <li>- Unnecessary redundancy or processing in app code</li> </ul>	<ul style="list-style-type: none"> <li>- Uses aggregation to reduce data size <i>before</i> loading</li> <li>- Avoids <i>most</i> unnecessary computation within app code</li> </ul>	<ul style="list-style-type: none"> <li>- Uses aggregation when applicable</li> <li>- Avoids unnecessary computation within app code</li> </ul>
Code	App description	2	<ul style="list-style-type: none"> <li>- No App Description</li> </ul>		<ul style="list-style-type: none"> <li>- One paragraph description of app given as comment at top of app.R file</li> </ul>
Functionality	App runs properly as submitted	5	<ul style="list-style-type: none"> <li>- Does not load</li> </ul>	<ul style="list-style-type: none"> <li>- Loads, but slowly or with parts unrendered</li> </ul>	<ul style="list-style-type: none"> <li>- Loads fully in timely manner</li> </ul>
Functionality	Controls and plots are functional	5	<ul style="list-style-type: none"> <li>- Does not load or controls not active</li> </ul>	<ul style="list-style-type: none"> <li>- Most controls linked to intended app display features</li> </ul>	<ul style="list-style-type: none"> <li>- All controls work well</li> </ul>
Graphical Quality	Plot originality, aesthetic appeal, and interface design	8	<ul style="list-style-type: none"> <li>- Poor aesthetic design choices</li> <li>- No control over plot displays in app</li> </ul>	<ul style="list-style-type: none"> <li>- Most choices appropriate for data type</li> <li>- Minor issues with scaling</li> <li>- Little control over plot displays in app</li> </ul>	<ul style="list-style-type: none"> <li>- Well designed plots and controls</li> </ul>
Graphical Insights	Plots reveal interesting data characteristics	8	<ul style="list-style-type: none"> <li>- Univariate plots</li> <li>- Boring or no insight</li> </ul>	<ul style="list-style-type: none"> <li>- Low dimensionality</li> <li>- Mediocre insights</li> </ul>	<ul style="list-style-type: none"> <li>- Multivariate displays with lots of interesting adaptations and insights</li> </ul>
Total		40			