Rubric for Shiny Project – Final Draft Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Category | Topic | Points | Poor  (score <=60%) | Acceptable  (60% < score <= 90%) | Excellent  (score >90%) |
| Code | Clarity and Organization | 7 | - not readable  - no citation  - poor structure  - Inoperable | - operable  - minor issues  - Lacks descriptive comments to document code | - clean structure  - clear purpose  - efficiently coded |
| Code | Documentation of Data Source | 2 | - Not cited | - cited but missing necessary information  - no download link | - well cited, all necessary info (organization collecting data, web address for data access, any borrowed code chunks cited) |
| Code | Efficiency | 3 | - unnecessary redundancy or processing in app code | - Uses aggregation to reduce data size *before* loading  - avoids *most* unnecessary computation within app code | - Uses aggregation when applicable  - avoids unnecessary computation within app code |
| Code | App Description | 2 | - No App Description |  | - One paragraph description of app given as comment at top of app.R file |
| Functionality | App runs properly as submitted | 5 | - Does not load | - Loads, but slowly or with parts unrendered | - Loads fully in timely manner |
| Functionality | Controls and Plots are Functional | 5 | - Does not load or controls not active | - Most controls linked to intended app display features | - All controls work well |
| Graphical Quality | Plot Originality, Aesthetic Appeal, and interface Design | 8 | - poor aesthetic design choices  - no control over plot displays in app | - most choices appropriate for data type  - minor issues with scaling  - little control over plot displays in app | - well designed plots and controls |
| Graphical Insights | Plots reveal interesting data characteristics | 8 | - univariate plots  - Boring or no insight | - low dimensionality  - mediocre insights | - multivariate displays with lots of interesting adaptations and insights |
| Total |  | 40 |  |  |  |