J Component

Assessment Rubrics

Review – 1 – Data collection – > Method, data representation, Attribute semantics, Target identification

Review 2 - > Tasks, Actions, visual Idiom1 implementation, visual idiom 2 implementation

Review 3 – > Validation – domain level, Task and data level , encodings and interaction level, algorithm level, validation comparison for idiom 1, 2 , webapp/mobile app deployement

Report – > Introduction, Problem, Data collection, Tasks, Actions, Visual idiom 1, visual idiom 2 implementation, Validation Comparison, Conclusion

1. **Absolute values:** Tell the absolute data values at all points in the displayed dataset.
2. **Value ordering:** Given two points in the displayed dataset, tell which of the corresponding two data values is greater.
3. **Value difference:** Given two points in the displayed dataset, tell what is the difference of data values at these points.
4. **Selected values:** Given a particular data value *finterest*, tell which points in the displayed data take the respective value *finterest*. A variation of this goal replaces *finterest* by a compact interval of data values.
5. **Value change:** Tell the speed of change, or first derivative, of the data values at given points in the displayed dataset.