**Checklist**:

1. Understand the data - done
2. What analysis to be made – ask questions to the data - done
3. Clean the data - done
4. Understand the data better by visualizing (different visualization plots) - done
5. Analyze each attribute of the data and its impact on the target variable
6. Analyze which attribute does not have any impact on the target variable (ease in attribute dependency on the target variable)
7. Analyze multiple combinations of the attribute of the data that impacts the target variable
8. Answer to our analysis with help of proper proofs

**Hypothesis**:

Null hypothesis 1: different chemical properties of river have no effect on algae blooms

Null hypothesis 2: Season has no effect on algae bloom

Null hypothesis 3: (River Characteristics) River size and speed has no effect on algae bloom