I

	Mastery	Approaching Mastery	Progressing	Emerging	Incomplete
Bar Chart (35 points)	✓ Chart initializes without error ✓ Chart updates when a new sample is selected -AND- Chart uses all of the following: ✓ Top 10 sample values are sorted in descending order ✓ Top 10 sample values as values ✓ otu_ids as the labels	✓ Chart initializes without error ✓ Chart updates when a new sample is selected -AND- Chart uses 2 of the following: ✓ Top 10 sample values as values ✓ otu_ids as the labels	✓ Chart initializes without error ✓ Chart may not update when a new sample is selected -AND- Chart uses 1 of the following: ✓ Top 10 sample values as values ✓ otu_ids as the labels	✓ Chart may not initialize ✓ Chart may not update when a new sample is selected -AND- Chart uses 0-1 of the following: ✓ Top 10 sample values as values ✓ otu_ids as the labels	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty
Bubble Chart (35 points)	✓ Chart initializes without error ✓ Chart updates when a new sample is selected -AND- Chart uses all of the following: ✓ otu_ids for the x values ✓ otu_ids for marker colors ✓ sample_values for the y values ✓ sample_values for the marker size ✓ otu_labels for text values	✓ Chart initializes without error ✓ Chart updates when a new sample is selected -AND- Chart uses 4 of the following: ✓ otu_ids for the x values ✓ otu_ids for marker colors ✓ sample_values for the y values ✓ sample_values for the marker size ✓ otu_labels for text values	✓ Chart initializes without error ✓ Chart may not update when a new sample is selected -AND- Chart uses 2-3 of the following: ✓ otu_ids for the x values ✓ otu_ids for marker colors ✓ sample_values for the y values ✓ sample_values for the marker size ✓ otu_labels for text values	✓ Chart may not initialize ✓ Chart may not update when a new sample is selected -AND- Chart uses 0-1 of the following: ✓ otu_ids for the x values ✓ otu_ids for marker colors ✓ sample_values for the y values ✓ sample_values for the marker size ✓ otu_labels for text values	
Metadata And Deployment (30 points)	All of the following: ✓ Metadata initializes without error ✓ Metadata updates when a new sample is selected ✓ App Successfully Deployed to Github Pages / Heroku / etc.	One of the following: ✓ Metadata initializes without error ✓ Metadata updates when a new sample is selected -AND- ✓ App Successfully Deployed to Github Pages / Heroku / etc.	✓ Metadata initializes with errors -AND- ✓ Metadata does not update when a new sample is selected -AND- ✓ App Successfully Deployed to Github Pages / Heroku / etc.	✓ Metadata initializes with errors -AND- ✓ Metadata does not update when a new sample is selected -AND- ✓ App not Deployed to Github Pages / Heroku / etc.	