Use Case: 3D Visualization				
Rating Criteria	**Requirements**	**Python**	**R**	**Weight**
Data Visualization/ Presentation of Results		**9**	**7**	25.00%
	Variety of Presentation Options	*mpl_toolkits, Mayavi,*	*scatterplot3d, RGL*	
	Ease of Interpretation			
Ease of Use		**7**	**8**	30.00%
	Learning Time Cost			
	Readibility- natural connotation & understanding			
	Writeability- lines of code necessary	*Repetitive text to achieve the task*	*did not require as many lines as python*	
	Simplicity	*Slightly more difficult than R*	*simple*	
	Consistancy			
	Maintence- ease of updating code for data changes		*easy to change colors and update data*	
Processing Limits		**10**	**10**	5.00%
	Baselines: *Excel: 1,048,576 rows X 16,384 columns*	*Datasets used were not very big*		
Processing Speed		**9**	**9**	5.00%
	Averages of team measurements	*Some lag but mostly no issues*		
Compatibility		10	10	15.00%
	Operating Systems (Windows/ Mac /Linux)	*No compatability issues*		
	Form of Data Files (Excel, CSV, etc)	*CSV used*		
	Export Options/ Sharing of Results			
Resources		**8**	**7**	20.00%
	Online Communities	*Various Blogs and Stackoverflow*	*Mostly Blogs*	
	Document Management			
	Packages & Libraries	*mpl_toolkits, Mayavi,*	*scatterplot3d, RGL*	
	Total	8.40	8.00	