

**Sources:** <https://github.com/rcc-uchicago/vis-for-data-analysis-bokeh-tensorspace/>

**Connect to Midway via ThinLinc :** <https://midway2.rcc.uchicago.edu/>

### **I. Midway setup : public\_html**

```
cd /home/[CNet ID]
mkdir public_html
chmod -R 755 public_html
```

*Example URL from my webshare on Midway:*

[https://users.rcc.uchicago.edu/~jcarlsen/bokeh/bokeh\\_example1.html](https://users.rcc.uchicago.edu/~jcarlsen/bokeh/bokeh_example1.html)

### **II. Bokeh (Python / Anaconda3)**

**Web links (Gallery and User Guide) :**

<https://docs.bokeh.org/en/latest/docs/gallery.html>

[https://docs.bokeh.org/en/latest/docs/user\\_guide.html](https://docs.bokeh.org/en/latest/docs/user_guide.html)

**In the Terminal:**

```
module load python
pip install --user bokeh
```

```
git clone http://github.com/rcc-uchicago/vis-for-data-analysis-bokeh-tensorspace.git
```

```
cd vis-for-data-analysis-bokeh-tensorspace
```

```
jupyter notebook
```

**Open File : bokeh\_examples.ipynb**

### **III. rBokeh (R / RStudio)**

**In the Terminal:**

```
module load rstudio
```

```
rstudio &
```

**Open File : rBokeh\_examples.R**

\*

\*

\*

### **IV. TensorSpace : Interactive analysis of Neural Networks**

**Website :** <https://tensorspace.org/>

**Playground (Examples) :** <https://tensorspace.org/html/playground/index.html>

**Github :** <https://github.com/tensorspace-team/tensorspace>

**Interactive Handwriting Analysis :** <https://tensorspace.org/html/playground/lenet.html>