# Practical 4 – CP2403

(Please ensure you show your work to your tutor once completed as each prac is 3 marks.)

**Part 1**

Go to <http://viz.wtf/> and select one example from the site. Identify which of Tufte’s Graphic Heuristics the your example violated

Edward Tufte’s Graphical Heuristics

* Data-Ink Ratio
* Chart Junk
* Lie Factor
* Spark Lines

**Part 2**

Go to https://www.informationisbeautifulawards.com/showcase?award=2017&pcategory=winner&type=awards and select one example from the site. Idenfity all the good quality your example has.

Qualities of good visualization are

* Truthful
* Functional
* Accessible vs Beauty – know your audience (wired – info porn)
* Insightful – create ahah moment
* Enlightening with social responsibility

**Part 3** – Download the Jupyter notebook for Module 4 and run the notebook

**Part 4**

Ensure you have completed Prac 1, Prac 2 and Prac 3.

Download the Jupyter Notebook Template for Prac 4 from LearnJCU. Complete the template & run the code. Refer to Module 4 Lecture Jupyter Notebook for help.