

Note-taking assignment Week 10

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- The class began with a warm-up activity and the topic that was discussed was “Flaws of a Boeing 737 Max”.
Observations: The visualization featured on The New York Times is exceptionally well designed as it is very informative. Every flaw of Boeing’s new 737 Max aircraft has been spoken with the help of visuals. The concept of pointing at the design flaws using a diagram of the object is a clear idea as it gives a better scope for understanding.
- The lecture class progressed with discussing the following topics:
 - 1) Validation
 - 2) Publishing
 - 3) Idyll
 - 4) Github.io.pages
- Validation: Data can be validated based on the information it delivers. It can be used for educational or research or for revealing information. There are many reasons why validation is important, one specific factor is to design a valid and effective visualization.
- Publishing: Any information that involves effort and novel ideas have the credibility to be published. Keeping that in mind, the data in raw HTML, CSS, SVG or JavaScript can be used to publish data over the web. Some of the most useful platforms to showcased/publish data visualizations are social media and GitHub pages.
- There are pros and cons attached with publishing data online. Some favour the author while sometimes they create concerns with stealing and mis-usage of published information. For this reason, the author(s) must copyright all of their work that they intend to put it over the web.
- The other areas where visualization is broadly used is at museums, planetary auditoriums, electronic appliance stores, online shopping websites, etc.
- To add to the concerns regarding publishing visualized data online are:
 - 1) Memory
 - 2) Screen size
 - 3) Interaction technique (mouse/keyboard/touchscreen)
 - 4) Disk space
- The lecture class progressed by discussing the usage and technical features of Idyll which was then followed by discussing on the usage of GitHub and its integration with Jupyter Notebook.

- The class finally concluded by discussing the stage II of Final project and an introduction to the mark-up language for authoring and publishing interactive articles on the web using Idyll.