IGR204 - Visualisation

Lab 2: Hello, Altair!

À rendre le jeudi 21 mai 2020, 23:59
Devoirs en retard: Permis jusqu'au jeudi 28 mai 2020, 09:00

If you have not yet already done so, create a folder (or directory) where you will keep your work for this lab. Then download the lab2.zip file (below) into it.

This assignment uses Altair. To make sure everyone has the same environment installed, regardless of what versions of Jupyter, Python, Conda, or whatever operating system you use, we will use a Docker container pre-configured for our assignment.

If you have not already done so, make sure you have installed Docker on your system (see Installing Altair on your machine).
 Then cd into the folder for this class and run the following command:

```
docker run -p 8888:8888 -v "$PWD":/home/jovyan/work eaganj/igr204:2020
```

(If you are using Linux, you may need to run that command with sudo.)

That command will launch the eaganj/igr204 Docker container (version 2020) for this class, map port 8888 on your machine to port 8888 on the docker container, the current directory ($PWD) to the container's Jupyter environment, and start up a Jupyter notebook session. You should see a bunch of messages ending with a URL that looks something like this:

```
http://127.0.0.1:8888/?token=180c15cd62a3dddff69c03279aa6b6056b8fa00bce798e3b
```

If you open that in your web browser, you will be in a Jupyter session running on the container, with all of the necessary dependencies installed for this class.

Open the work/Hello Altair.ipynb notebook and follow the instructions there.

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When you're finished, submit your completed notebook here.

Also, submit a brief description (using the Moodle submission page) of what encodings you chose and which exercises you did. Feel free to add any descriptions of why you chose to explore what you chose to explore (either as comments in the notebook or in the Moodle submission).

Grading:

* 5-7 points: the main assignment and the first three exercises.
* 7-10 points: Plus the bonus exercises.

Additional bonus points possible based on your creativity.

    📄 lab2.zip   28 avril 2020, 23:26

Remises de fichiers

    📄 Lab2.zip   8 mai 2020, 16:31

Commentaires

   ▶ Commentaires (0)

Texte en ligne

✚ (172 mots)
I did the main assignement, along with the exercises and the bonus questions.

For the exercises, I explored the suggested points:

- I ...

✔ **Statut des travaux remis:** Remis pour évaluation

Statut de l'évaluation: Non évalué

📅 **Dernière modification:** vendredi 8 mai 2020, 16:31

| Modifier le travail | Supprimer le travail remis |

◄ Installing Altair on your machine

| Aller à... |

Homework 1: Find an interesting visualization ►

✔ **Statut des travaux remis:** Remis pour évaluation

Statut de l'évaluation: Non évalué

📅 **Dernière modification:** vendredi 8 mai 2020, 16:31