

Task 3: Network and infographics

General information

This task accounts for 25% of the final qualification. It should be submitted on time on the corresponding task on Campus Virtual. The submission should only consist of one zipped file with the necessary content for the task with the name DashboardTaskMember1Member2 Member3Member4.zip

The task is to be made in groups of 3 or 4 people preferably. Otherwise, please talk previously to the professor.

You can use the provided dataset or any other previously negotiated with the professor. You shall mention the source of the dataset and any re-used code or code that has served as inspiration.

Goal

This task is related to users, perception, encoding and graphic design. In this task you are expected to put into practice HCI principles and graphic design to deliver an information piece to the general public. Also to practice graphs or trees.

The infographic MUST be static

Task

In groups of 3 or 4 people prepare

- A graph or a tree with the information of products or products and countries of the dataset. You may concentrate in one product line or type. The nodes and links shall encode attributes of the data, so you'll have to customize the given graphs.
- An infographic to the general public, giving some highlight of the company. In this infographic you can use or not the previous graphs or trees. The scenario is that it is 2007, the company is glad with the results and it is publishing an infographic in its social network (you decide which) to get more followers. The infographic should be a JPG or a PDF and you can do it with any tool you are comfortable with.

You already know the data, but you must explain which data and relations have you chosen for the graph/tree and for the infographic. Explain how you have encoded the information on the graph and justify it.

Do a user analysis of the public looking at your infographic. Describe the company goals for the infographic.

Decide the graphic design and encoding of the data taking into account data and users. Describe decisions taken and justify them based on perception properties and principles. Describe your sources and tools used.

You may find useful to create a pencil prototype before going into final design. If this is the case, include them on your report.

Delivery

The delivery shall include:

- The complete HTML, CSS, JS and image files to locally view the graph or tree visualization.
- A final JPG or PDF with the infographic
- A report explaining decisions and implementation.
- An explanation of the duties of each member of the group.