

VisCard Challenge

Workshop 1—120 minutes

2016-02

You are going to design a visualization together.

Your team's design will be evaluated together with other designs created during the workshop. The winning team will receive a *prize of 10 dollars each member*.

You do NOT need to read everything to start. Just read what you need for the next step.



Figure 1 Group Prize

Step 0 - Open the Google Slide

- 1. **Open the Google Slide** that we have shared with you. **(Figure 2)**
 - 1. It is shared with all the members of your group and with us.
 - 2. As you go, please upload snapshots of your work.

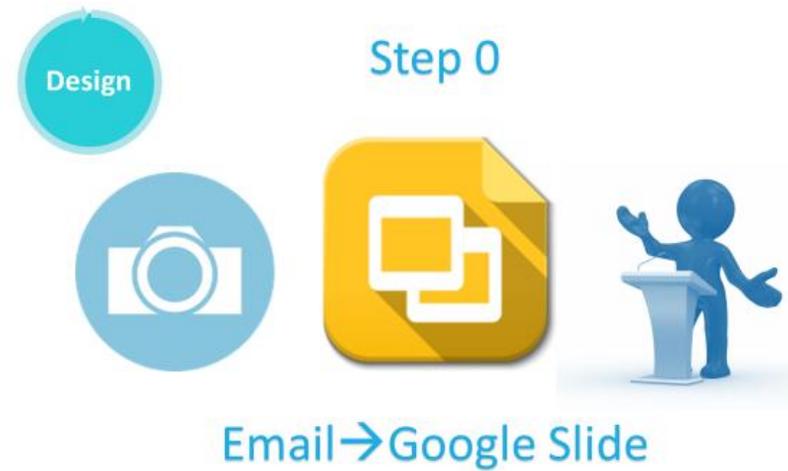


Figure 2 please keep the record in google slide

Step 1 -- 10 minutes -- Mission Digesting

1. Read the mission statement, find points of interests. (Figure 3)
2. Write down three domain tasks (Figure 4) on your three blank cards that you think are critical to the mission. (Figure 5)
 - a. Not all cards need to come from the statement.

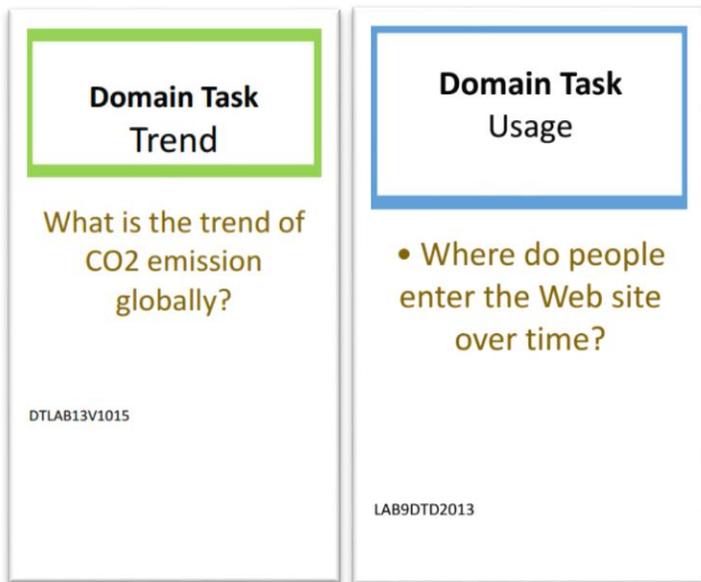


Figure 4 Sample Domain Cards



Figure 3 Finding Critical Points

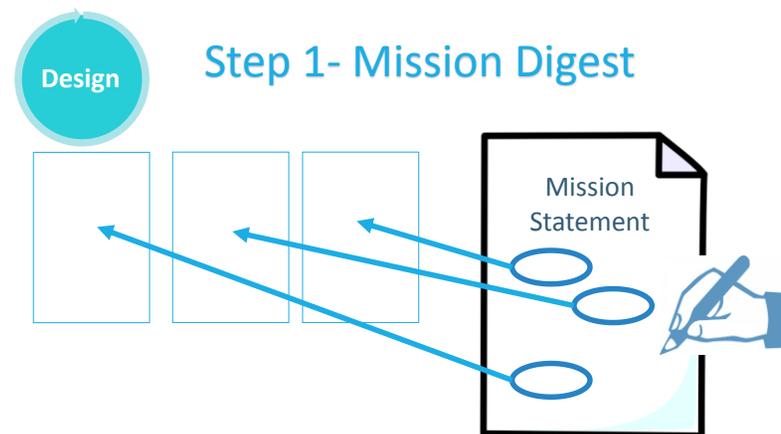


Figure 5 Write down domain tasks on blank cards

Step 2 -- 20 minutes -- Domain tasks

1. **Add your domain cards to the domain card set** that we have provided you.
2. Each player should **read his/her domain cards**,
 - a. **Pick three cards** that are MOST important
 - b. If any card you created is similar to the original cards, **pick the original card.** (Figure 6)
 - c. After reading the domain cards, if you think of something new (not in the cards you previously made or in the pre-made ones), feel free to create new cards.
 - d. **Take a picture of the cards you are picking and label your name** (there should be 12 for a 4-person group)
- Once everyone has picked their three cards **the group should come to an agreement about exactly 4 domain tasks that are most important from this pile.** Rank these domain cards by order of importance. You can do this any way you want (vote, discussion and etc. (Figure 7)
1. **Take a picture of the cards you selected and upload it to the google slide**

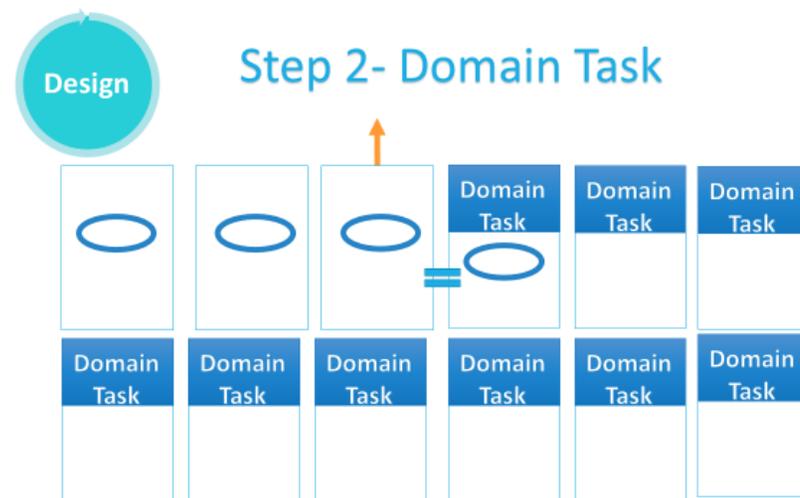


Figure 6 if card you created is similar to the original card, **pick the original card.**

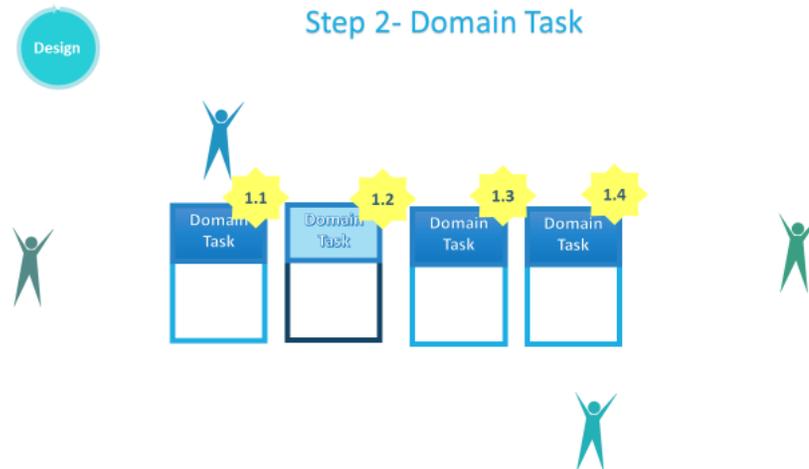


Figure 7 The group will select 4 cards to visualize.

Step 3 -- 35 minutes -- Individual Sketch Round 1

1. Individually, on the data sheet provided, **circle the data** that you think is needed to address the domain tasked your group picked.
2. On your own, **draw THREE visualization solution** that will best satisfy all the domain tasks (*try to do this in <= 5 minutes, a quick sketch will do*). (Figure 8)
 - a. Interactivity can (should!) be introduced here
 - b. There is a deck with “layout/examples” and “inspiration” that **you can flip through for ideas**.
3. Do this independently at first, and then **discuss the solutions each has proposed** (Figure 9).
4. Upload a snapshot of *each* person’s solution to the google slide and record the vote.

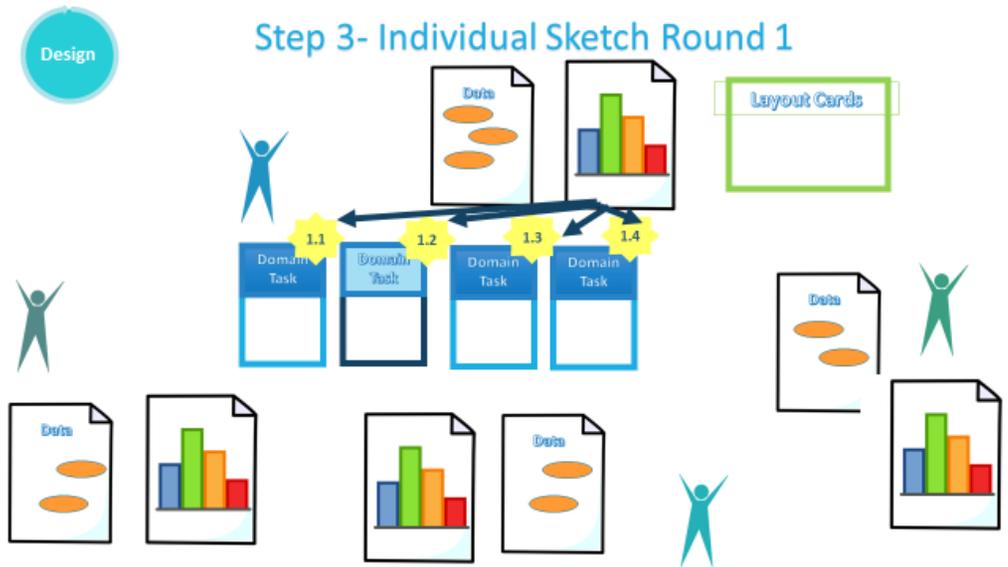


Figure 8 Circle Data---->Draw Individual Sketch

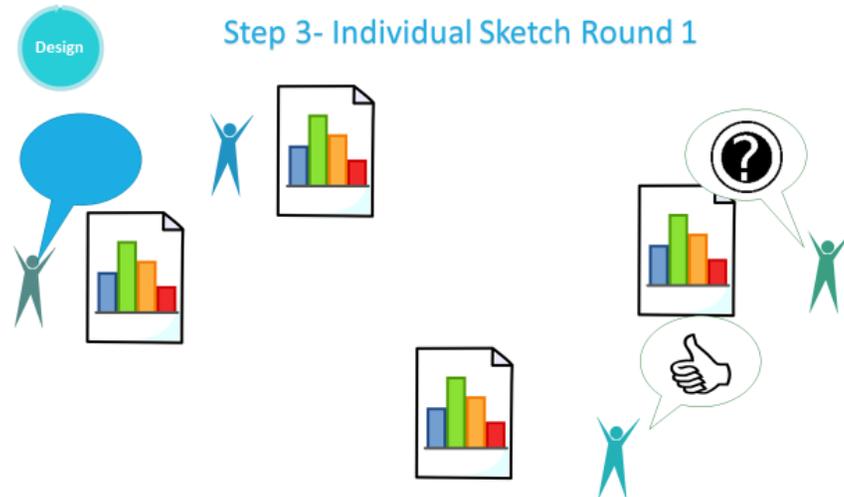


Figure 9 Discuss the individual sketch

Step 4 -- 20 minutes -- Individual Sketch Round 2

1. Again, individually, based on the feedback, **draw another visualization solution that will best satisfy all the domain tasks.** This can either be a modification or something completely new. (5 minutes)(Figure 10)
2. Do this independently at first, and then present the solutions to the group. Again, discuss the pluses and minuses given the domain tasks (10 minutes).
3. **Upload a snapshot of each person's solution to the google slide.**

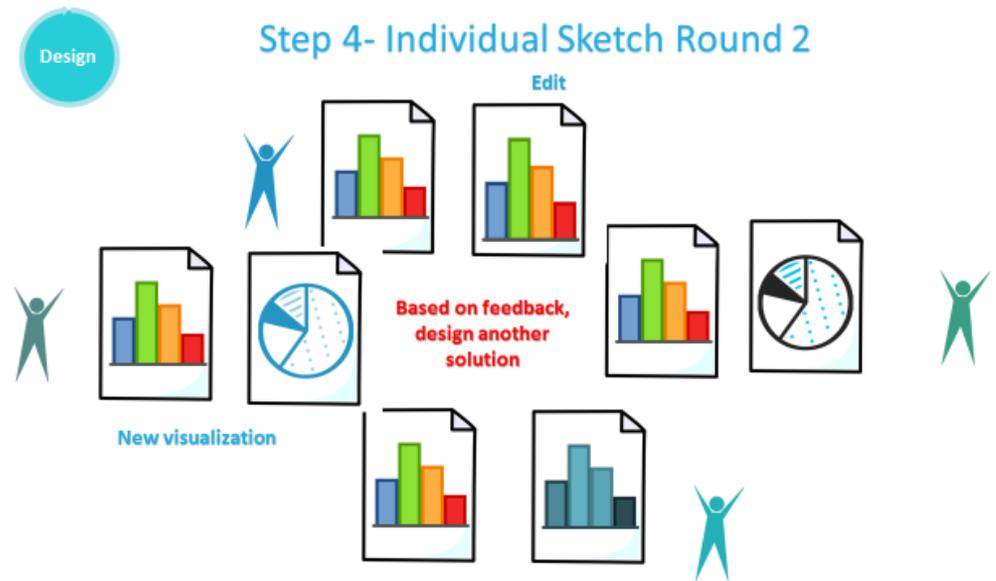


Figure 10 The 2nd sketch can be modification or completely new.

Step 5 -- 20 minutes -- Consensus Sketch

1. Come up with a “best” solution that combines the best aspects of each individual design. (Figure 11)
 - a. Make sure that you are still satisfying the domain tasks you picked.
 - b. So if you said you wanted the visualization to “express” something, it should! Also, make sure the choice is effective.
2. Upload a snapshot to google slide (provide a short description of your idea in the text so we can figure out how someone would use your system).

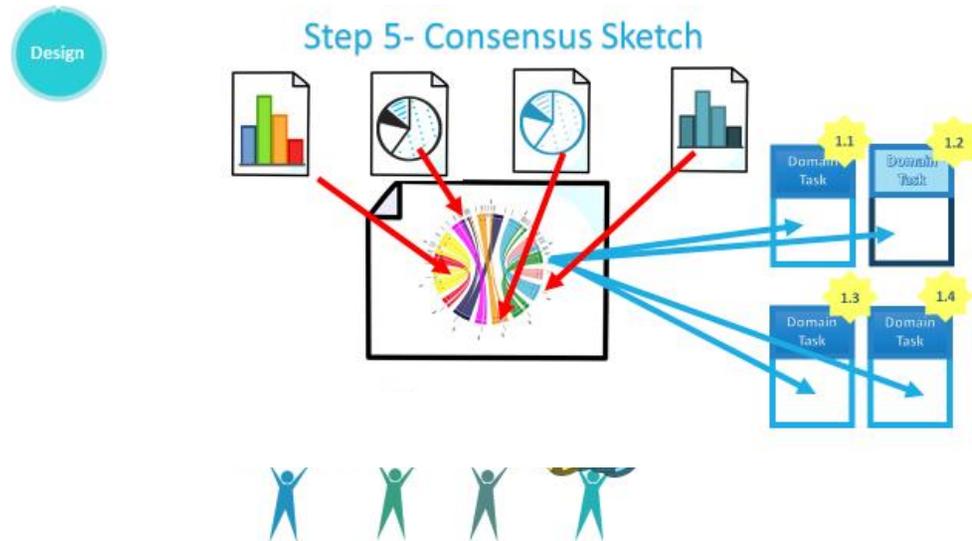


Figure 11 Combine individual sketches to form a consensus sketch that satisfies domain tasks you picked.

Step 6 --15 minutes-- Evaluation

- We have send you a link to evaluate your design
- a link to post-survey

Please fill out these evaluation forms. **(Figure 12)**
Please be honest about positives and negatives of the design, as the judges will not use your evaluation for their evaluation.

We will review your group evaluation and notify the group winners within a week.

We will send you a voting link after all workshops so that you can vote for the best design in the contest.

Thank you for your participation.



Figure 12 Fill the Evaluation and Survey forms.