

## **Introduction:**

Hello I am Hadi. The visualization is based on the wasabi dataset which is about the worldwide songs and artists. So instead of showing huge massive of data which is hard to the user to understand, we can visualize the data in different ways to make it easier for the users to visualize and understand the data.

In my demo here I tried to make a visualization about the wasabi artist dataset. The main purpose of it is to show the artists distribution over the continents considering each artist genre. This visualization idea can be done in many data visualization plot, but I chose to do it using a bubble map combined with a funnel chart because in my opinion it's the best visualization to visualize the task.

## **Objective:**

The objective is to test if to show the system visualization to the user, and check if this visualization is convenient for the users, and check the user opinions to add more improvements to the system.

## **Questioner:**

1. Are interested in the knowing more about the artists and songs genres?
2. Do you have a preferred genre?
3. Any favorite song?
4. What is your favorite artist?
5. Are you familiar with web usage?
6. Do you have any websites that you visit every day?
7. How often do you browse?

## **Testing:**

Now it's time to start testing, but before that we start, please note that this a demo, it is not done yet, so it may crash, fail or give false results. Did you understand?

**Now I will give a brief explanation for you in order to let you test it.**

So, in the bubble map it will contain 7 bubbles, 6 for each continent while one for the missing values. Each bubble represents the number of the artists belong to specific genre chosen by the user, so the user is capable to choose any change using drop down button, and the results will be shown on the map.

Moreover, for the funnel chart, it will show the total artists number belong to each genre in a time interval, to make it flexible I added a slider where the user can choose between 2 different years.

**Are you ready to test the demo?**

- 1- Can you please choose a genre?
- 2- Can you tell the artist number in America for this genre?
- 3- Can you give me the number of the missing values for this genre?
- 4- Can you tell me the minimum artist number and the maximum?
- 5- Can you please show only bubble that are between 100 and 100 000.
- 6- Can you please tell me the number of missing values from the funnel chart?
- 7- Can you give another number for any other genre?
- 8- Now please try to change the year slider. Did you notice any difference?

**Final interview:**

1. What do you think about the system design? (if not can you please tell me what didn't you like?)
2. Do you any idea to suggest to improve the app?
3. Did I miss any song genre?
4. Did you get different results after changing the genre?
5. Does the bubble size change?
6. After changing the years interval, did you notice any changes in the funnel chart?
7. Does the funnel chart give enough and clear information about the visualization?
8. Do you think that this visualization is useful?
9. Do you have any idea that you think it is useful for this demo?