

Diary

Bikushev Gleb

RQ: how does gender affect the working and learning environments of people of generation Z in India?

Working individually (Dashboard):

17/03/2024

Step 1: To answer this global RQ, I divided it into 4 sub questions:

1. Which of the following setup you would like to work in?
2. What is the most preferred working environment for you?
3. Which type of learning environment that you are most likely to work in?
4. Which of the below Employers would you work with?

Step 2: importing the dataset

Step 3: defining the required columns for the dashboard (Current Country, Gender, Work model, Preferred Employers, Learning Model, Working Setup)

Step 4: creating required 4 PivotTables for the dashboard

Step 5: building the graphs:

1. Line chart with markers and data labels that answers the question “Which of the following setup you would like to work?”
2. Stucked bar chart that answers the question "What is the most preferred working environment for you?"
3. Two categorical donut chart that answers the question “Which type of learning environment that you are most likely to work in?”
4. Clustered column chart that answers the question “Which of the below Employers would you work with?”

Step 6: creating the template of the dashboard:

1. Creating the dark gradient background in MS PowerPoint in order to create the contrast between background and shapes with the graphs.
2. Adding this resulting background to the empty dashboard sheet
3. Adding shapes (Rectangles with rounded corners) over the background where the graphs will be located
4. Adding title

Step 7: importing the graphs to the dashboard into ready shapes

Step 8: editing graphs so they will be in one design

Step 9: adding slicer with options “Males”, “Females” that can filter the graphs and leave visualization just for one gender

Step 10: adding cards with number of males, females and total number of participants in the survey to the dashboard.

Working in a group:

18/03/2024

1. Participation in discussions about choosing the dataset, identifying the research objective and possible research questions for chosen dataset, regular meetings in the library.
2. Participation in other team members dashboards' assessment
3. Creating github repository for the project, uploading all files, writing the README.md file
4. Participation in the creating of the presentation:
 - 4.1. Creating the title slide
 - 4.2. Creating slide about strengths and weaknesses of different visualizations
 - 4.3. Creating slide about future work