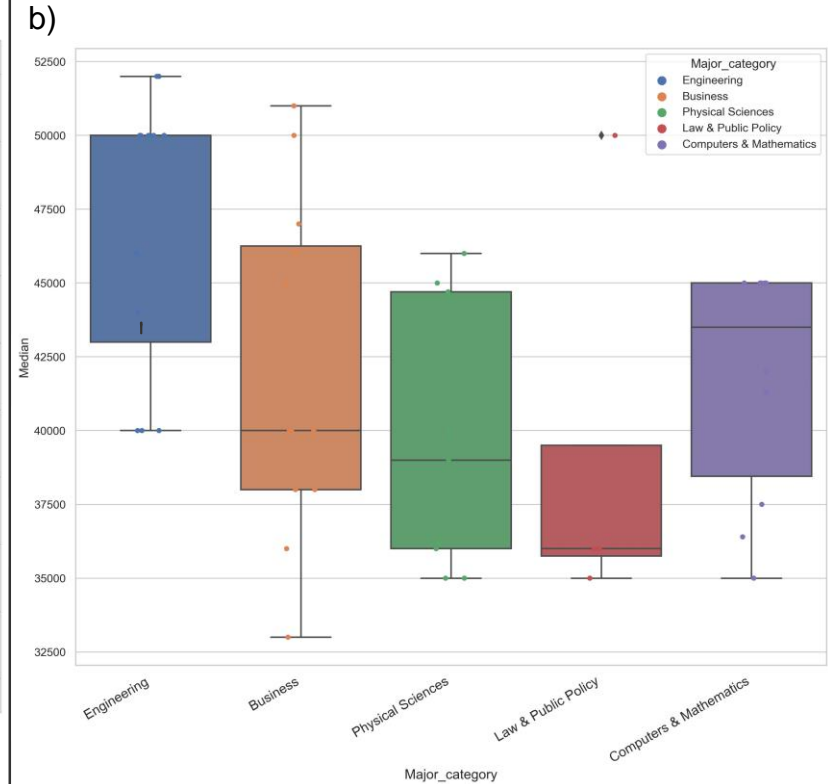


The above horizontal bar graph shows the median, 25<sup>th</sup> and 75<sup>th</sup> percent of total earnings of year-round workers in top 10 majors.

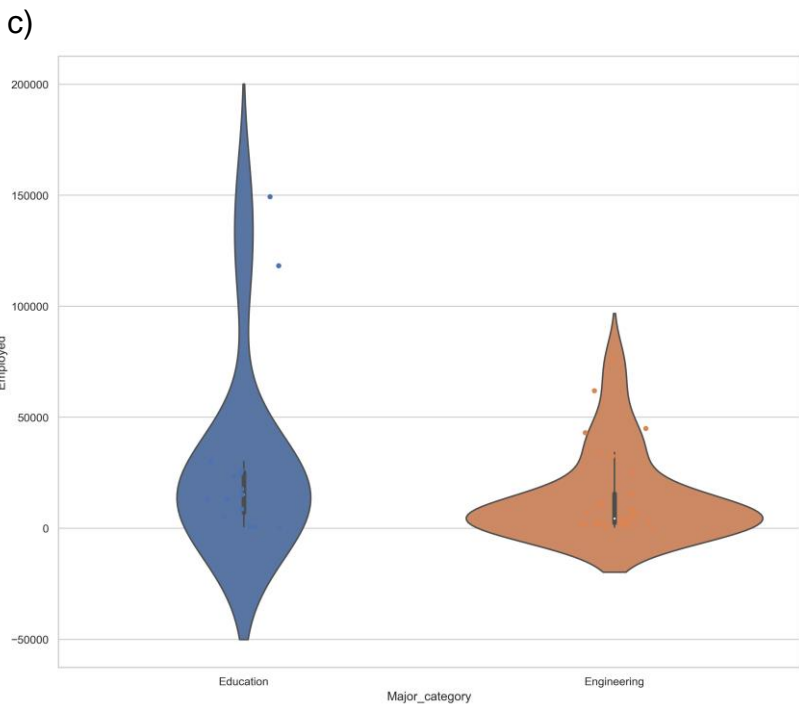
- I used different color modules for each value in this plot, which made it much easier for me to comprehend the data.
- The reason I kept the graph horizontal in this case is that the names of the top 10 majors are fairly long.

**NAME:** ABHIK SARKAR  
**MATRIKELNUMMER:** 23149662  
**IDM Id :** lo88xide  
**EMAIL:** [abhik.sarkar@fau.de](mailto:abhik.sarkar@fau.de)



According to their median earnings, this boxplot displays the median income for the top 5 major categories.

- I created a strip plot in addition to a box plot so that we could quickly visualize the raw sample points of the graph.
- To adequately perceive the x axis, the x-labels are aligned horizontally and turned by 30° Clockwise
- For ease of reading, the x axis font size has been increased to 13.



This is the best visual graph which represents the total number of individuals employed across all the majors.

- To interpret their rate of employability, I've retained the most popular majors in this plot.
- To make the graph more appealing and professional-looking, I decided to keep the backdrop figure aesthetics as whitegrid.
- Yet again, I used an overlapping strip plot to obtain the raw sample points for the graph.