- **Chart1: The proportion of the top 100 YouTube channels in each country**.

**- Chart2: Relationship between the ‘comment’ and ‘subscribers’**

**- Chart3: Each category’s number of youtubers**

**- Chart4: The top 5 YouTube channels' average view changes every month**

* Display x-axis tick with Month Name (‘Jan’, ‘Feb’ … or ‘January’, ‘February’…)

**- Chart5: The top 5 YouTube channels’ Quarterly income.**

* Use stacked bar chart

**- Chart6: The number of YouTube channels by ‘MainTopic’**

* Chart should be displayed interactively by selected year.
* Get Input from the user is required to accept the year.
* Display 2006 as default year
* Change the title of the chart according to the year changes.
* In mobile version, find the best way to accept the user’s input

**- Chart7: The category that has most Views**

* Find the category with the Views by adding up all the Views by each category.

**- Chart8: The country that has the most youtubers in the top 100 list.**

**- Chart9: The name of the channel with the most likes.**

|  |
| --- |
| Used plain HTML, CSS JavaScript NO Javascript framework |
| Used D3.js |
| Successfully rendered dashboard |
| Design is your own work |
| Included template reference |
| Have 1 page of dashboard |
| Dashboard is clean and tidy |
| Dashboard is responsive while resizing the browser |
| Reflected pattern library |
| Added descriptive comments in your code |
| Has 6 multi value charts |
| Has at least 3 single value charts |
| 4 different types of multi value chart are used |
| Has onload transition and transform |
| 1 chart that can change data with either dropdown or textbox |
| Chart reflects correct data after dropdown or text |
| Used brush to change the data style of the chart |
| Chart is correctly zoomed |
| 1button/radio/checkbox to update the chart style |
| Chart style can be updated with button/radio/checkbox |
| 1 interactive legend is included (grade of 0 if you use same legend interactivity with given exercise in week10) |
| Interactive legend performs correct event (grade of 0 if you used same legend interactivity with given exercise in week10) |
| Has 1 chart that has the tooltips with data |
| Data in the tooltips are correct |
| Ticks and Tick labels for axes are provided to all the charts |
| All the Chart names are provided |
| All the Axes names are provided |
| Your chart should be clearly readable |
| Chart 1 is reflecting the correct data |
| Chart 1 is reflecting the data visualization that is matching to user’s requirement |
| Chart 2 is reflecting the correct data |
| Chart 2 is reflecting the data visualization that is matching to user’s requirement |
| Chart 3 is reflecting the correct data |
| Chart 3 is reflecting the data visualization that is matching to user’s requirement |
| Chart 4 is reflecting the correct data |
| Chart 4 is reflecting the data visualization that is matching to user’s requirement |
| Chart 5 is reflecting the correct data |
| Chart 5 is reflecting the data visualization that is matching to user’s requirement |
| Chart 6 is reflecting the correct data |
| Chart 6 is reflecting the data visualization that is matching to user’s requirement |
| Chart 7 is reflecting the correct data |
| Chart 7 is reflecting the data visualization that is matching to user’s requirement |
| Chart 8 is reflecting the correct data |
| Chart 8 is reflecting the data visualization that is matching to user’s requirement |
| Chart 9 is reflecting the correct data |
| Chart 9 is reflecting the data visualization that is matching to user’s requirement |