



SCHOOL OF COMPUTER APPLICATIONS

Case Study

On

**Interactive Dashboard Tokyo Olympic
2020 Using IBM Cognos Analytics**

Submitted By:-

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Submitted To:-

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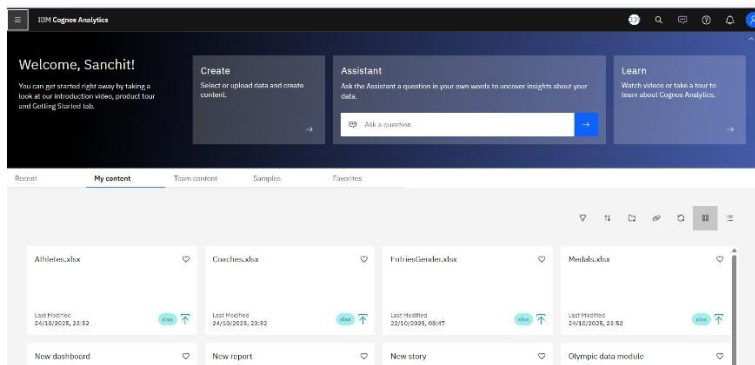
Agenda/Definition:- The main objective of this project is to create an interactive Dashboard in IBM Cognos Analytics using the Tokyo Olympic 2020 Datasets. The Dashboard visualize athlete performance , Medal overview by Country , Country Performance comparison ,historical comparison ,medals by year .

Outcomes/Learning: Through this project, I learned how to use IBM Cognos Analytics to create interactive dashboard and visualize large datasets effectively.

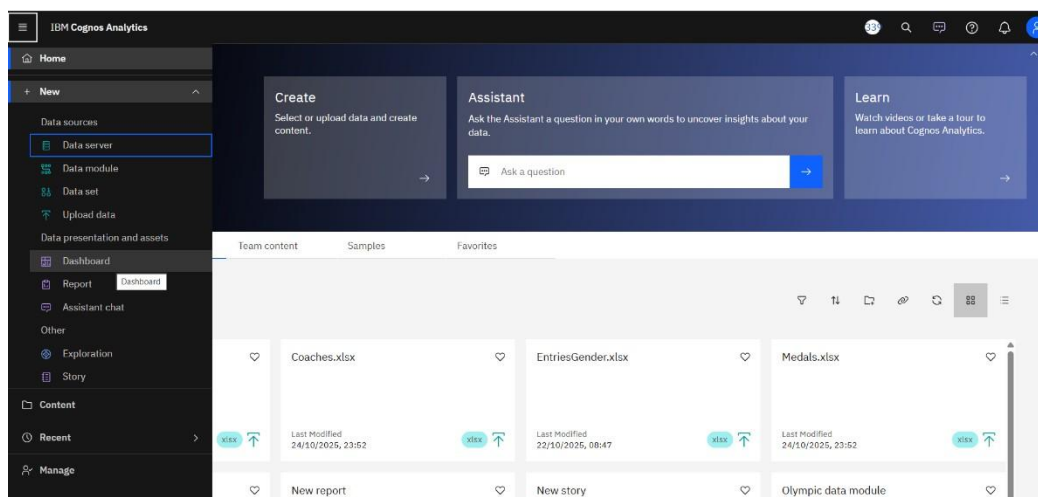
Required Tool: IBM Cognos Analytics

Working: Tokyo Olympic 2020.dataset was uploaded, analyzed, and visualized using various charts and graphs. A dashboard with multiple scenes was created to show key insights.

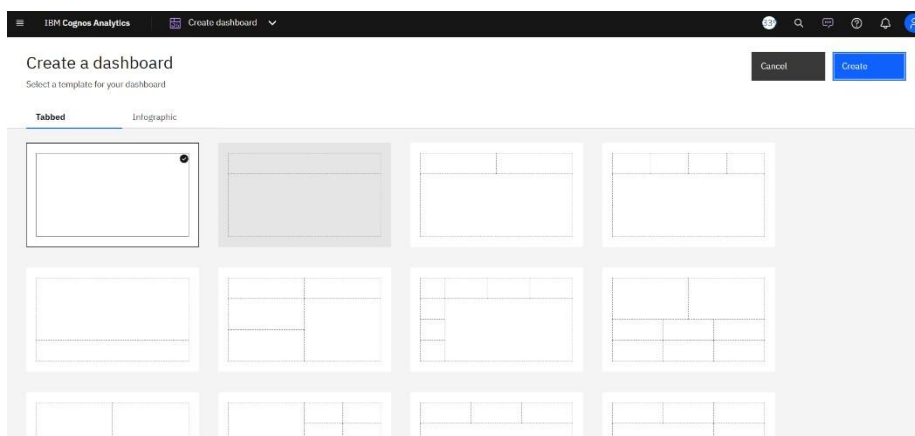
Step 1: Login to IBM Cognos Analytics



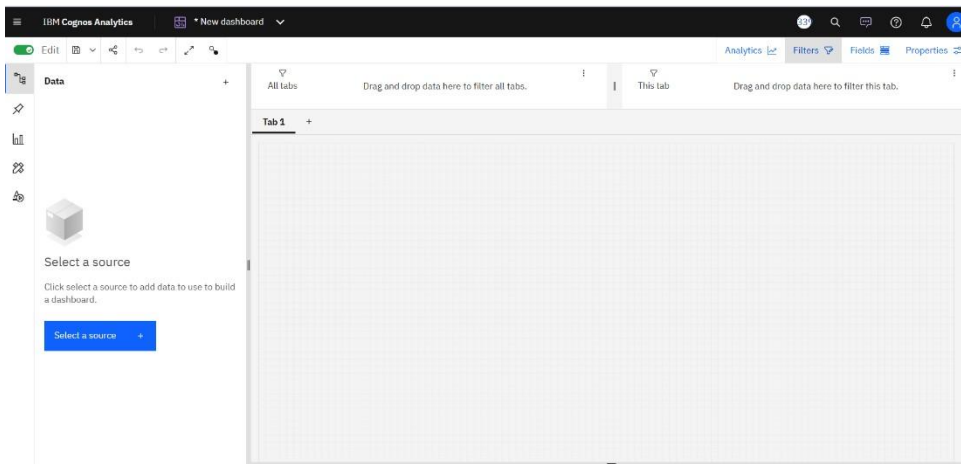
Step 2: We are Click the three dot and after that I click the new and then click the Dashboard option.



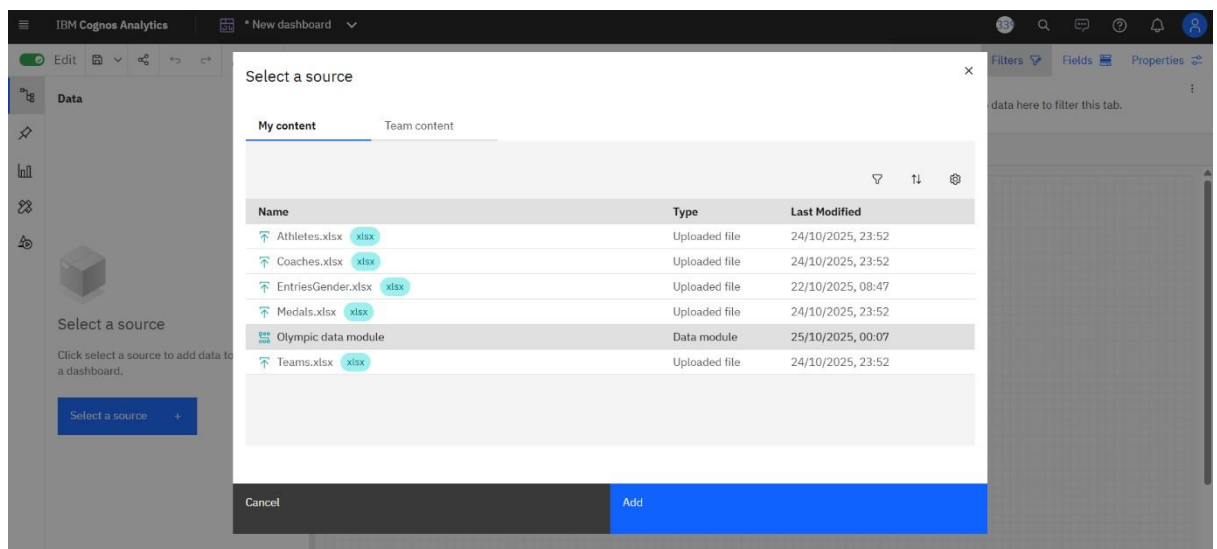
Step 3: Click on the Tabbed and select Blank page and click on Create.



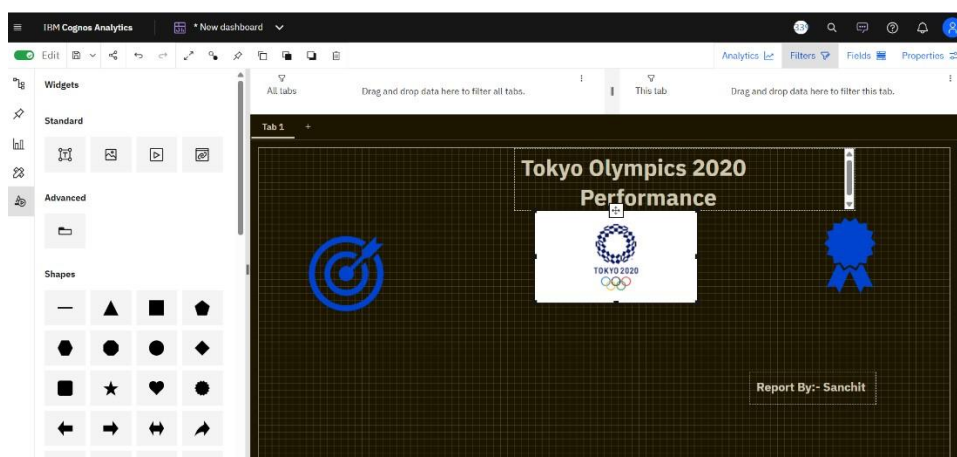
Step 4: After that click on the Select a source option.



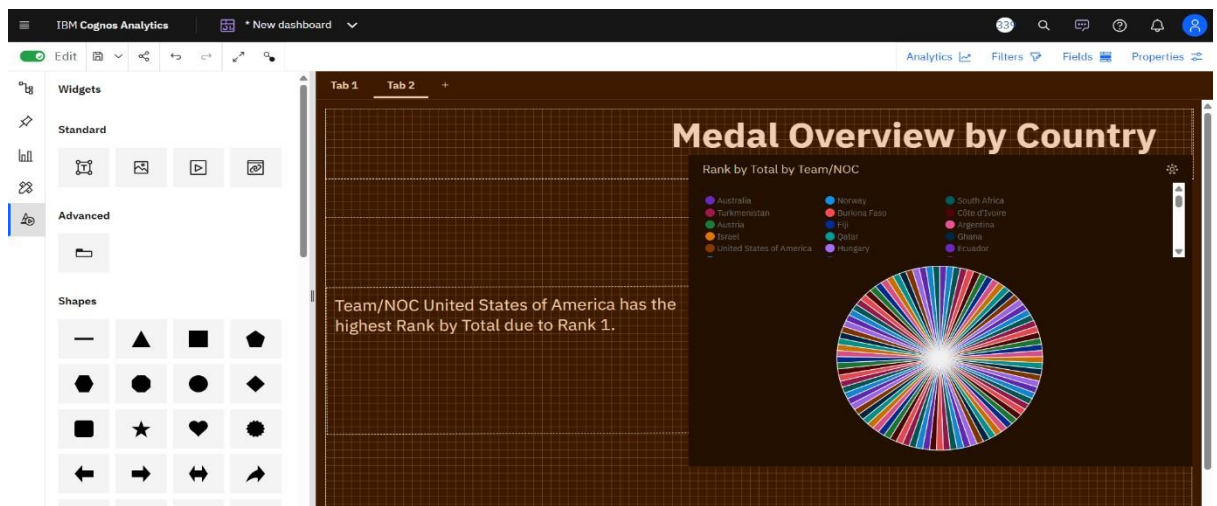
Step5: We can click on the Olympic data module in my content and after that click Add button.



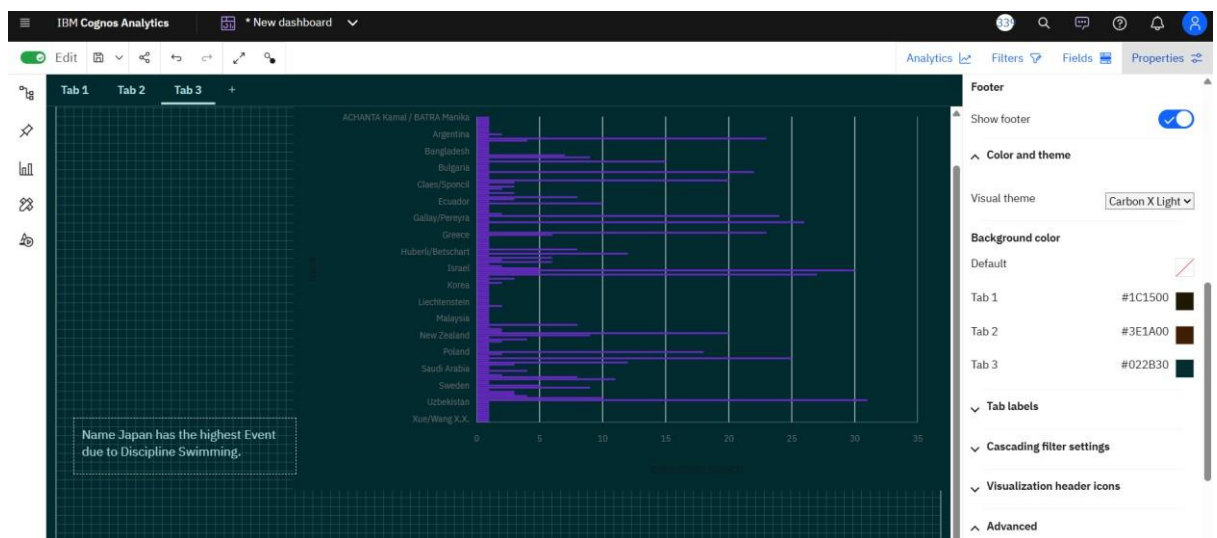
Step 6: We can click on the Widgets option and select the Text option present in the Standard column and here we can also change the Border color and Fill color that present in the Appearance in the General option under the Properties. and add image by select the image option and copy the image address and paste in the box in image selected area and then click enter button then image should be inserted



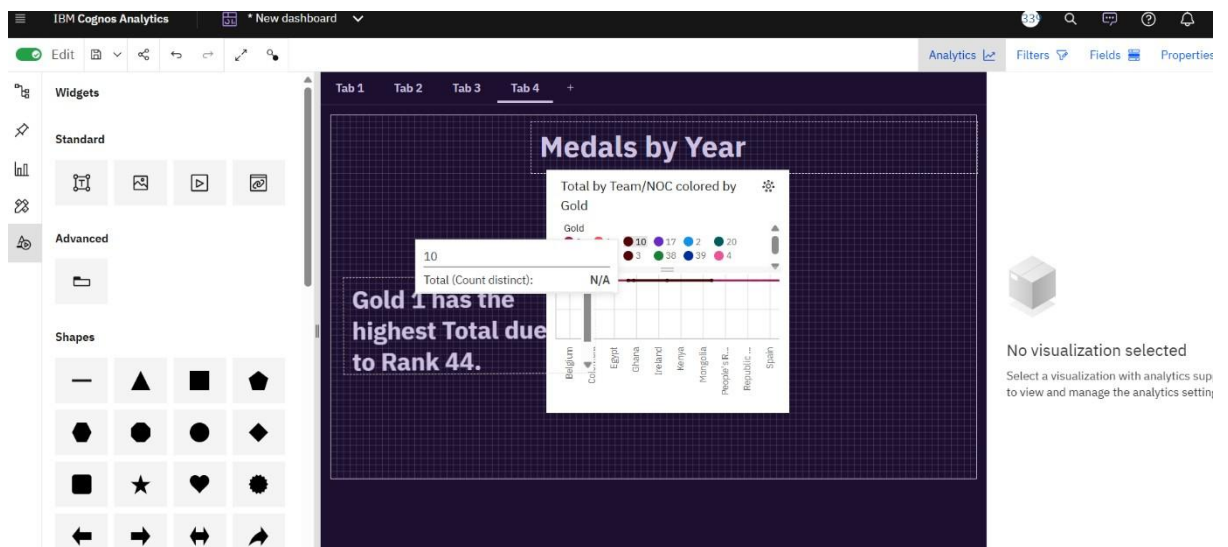
Step 7: After that open new tab 2 and we can choose the pie charts present in the Visualization option and here some fields are appear and we can click on the Olympic data module and choose Team/NOC In segments box And rank by total in size box and We can insert the Text option and select the pie graph that formed in working area and after that click on the Analytics and click on the Narrative Insights and choose the para according to your choice and copy the para and paste in the insert text.



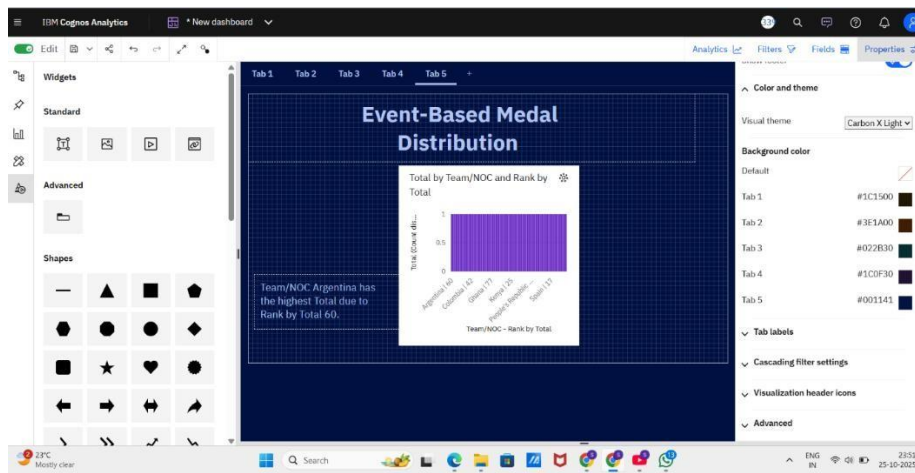
Step 8: After that open new tab 3 and we can choose the Bar charts present in the Visualization option and all the rest processes are the same



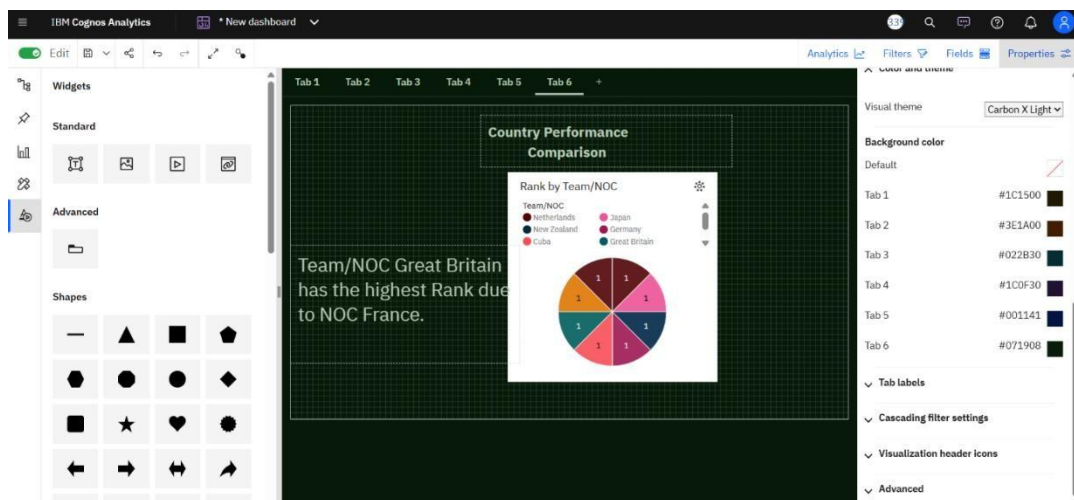
Step 9: After that open new tab 4 and we can choose the line charts present in the Visualization option and all the rest processes are the same



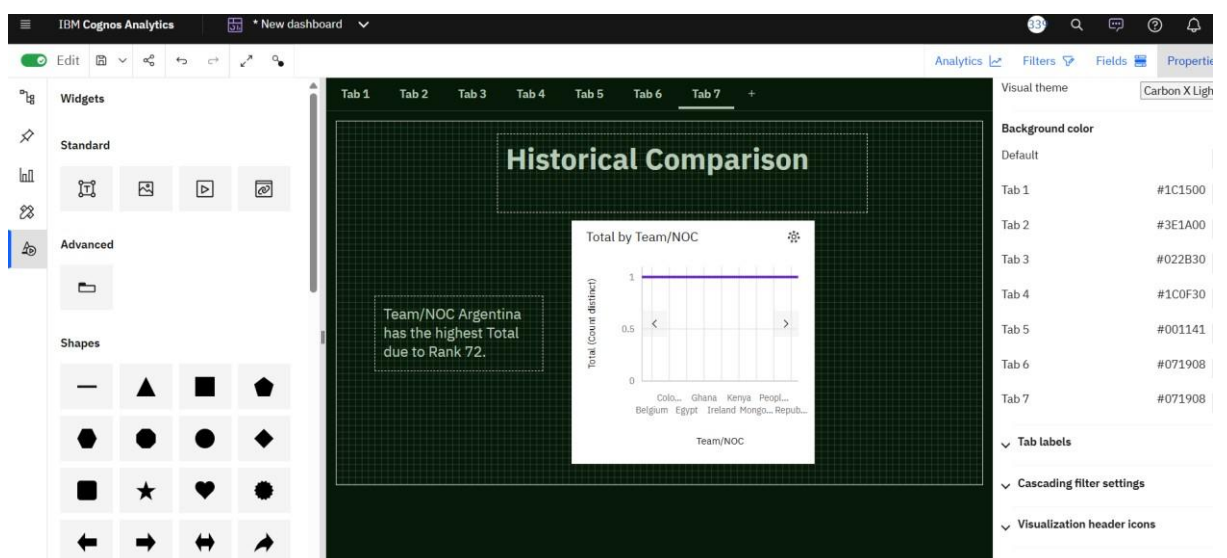
Step 10: After that open new tab 5 and we can choose the bar charts present in the Visualization option and all the rest processes are the same



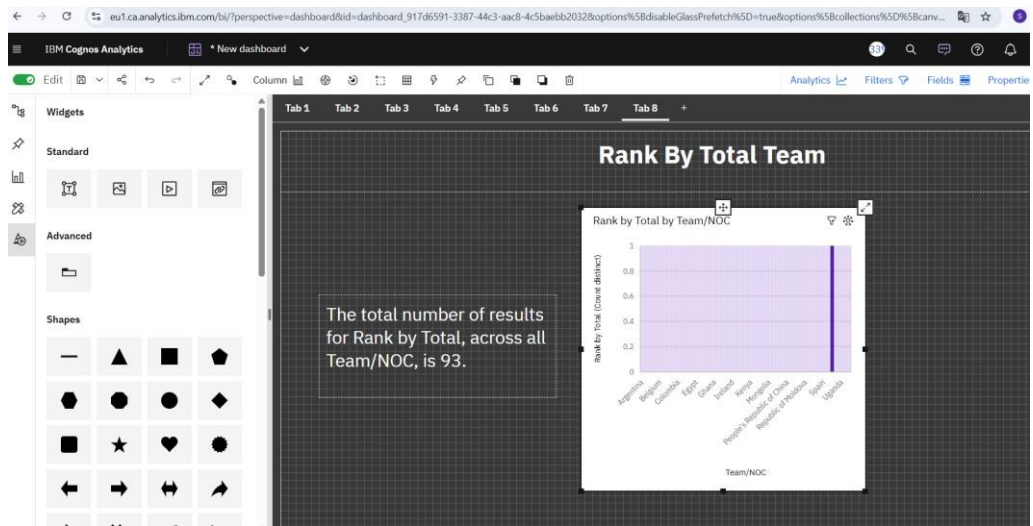
Step 11: After that open new tab 6 and we can choose the pie charts present in the Visualization option and all the rest processes are the same



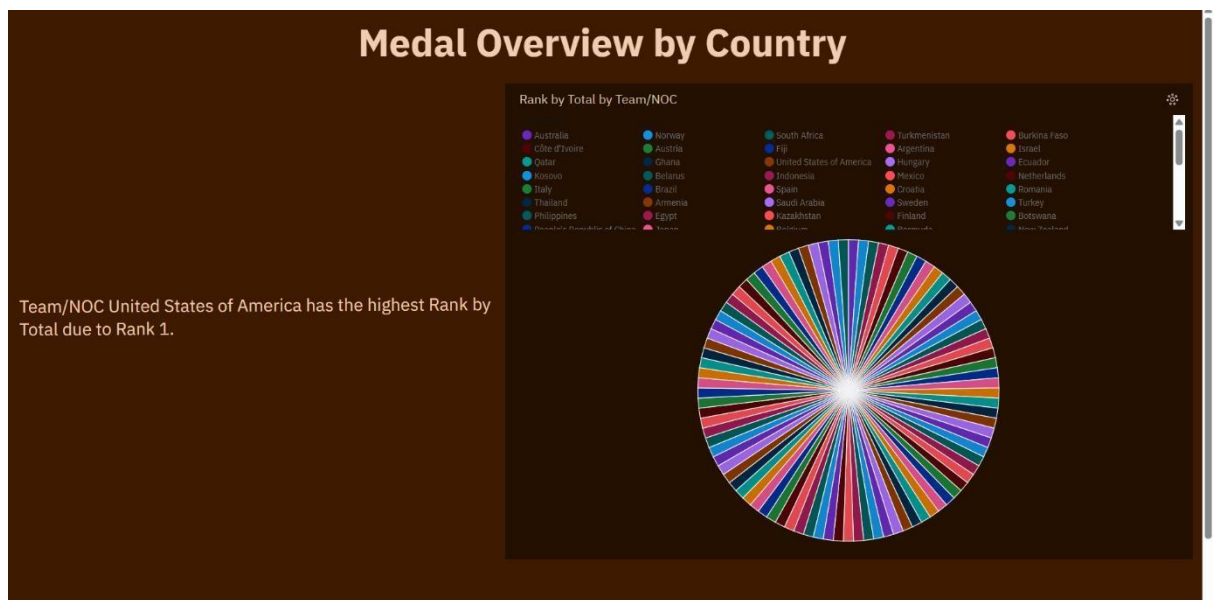
Step 12: After that open new tab 7 and we can choose the line charts present in the Visualization option and all the rest processes are the same

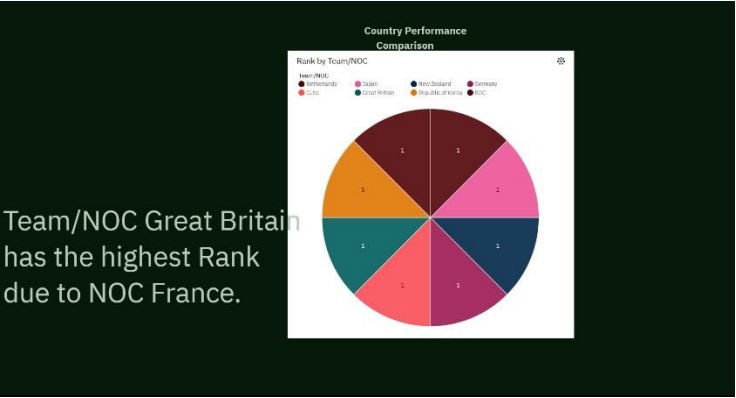
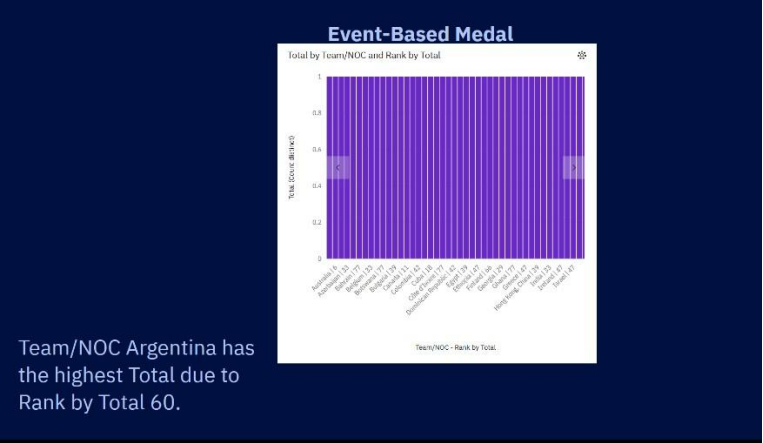
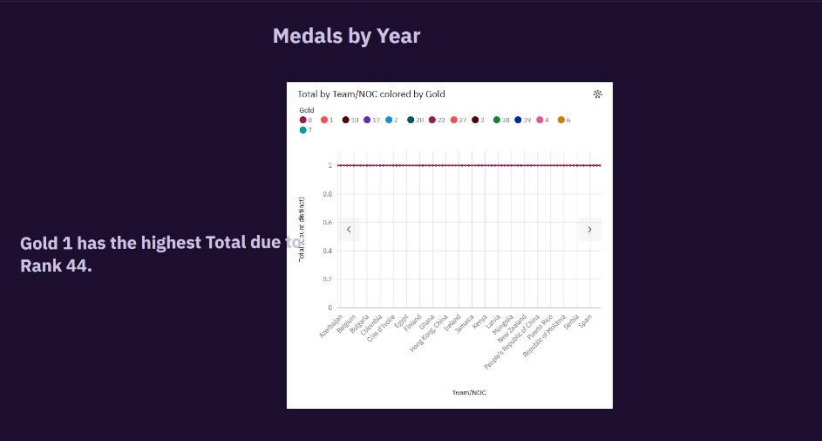
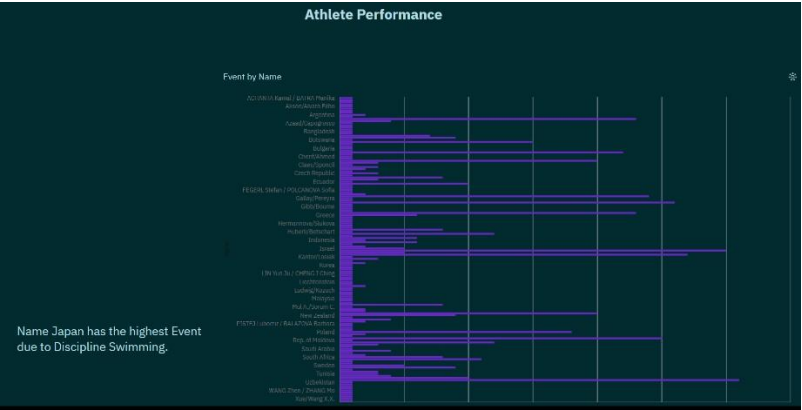


Step 13: After that open new tab 8 and we can choose the Bar charts present in the Visualization option and all the rest processes are the same



Step 25: After done all the steps the finally we can click on the run option and we see the updated output





Historical Comparison

Team/NOC Argentina has the highest Total due to Rank 72.

| Team/NOC | Total Score (distinct) |
|-----------------|------------------------|
| Belgium | 1.0 |
| Bulgaria | 1.0 |
| Canada | 1.0 |
| Czech Republic | 1.0 |
| Egypt | 1.0 |
| Finland | 1.0 |
| France | 1.0 |
| Germany | 1.0 |
| Hong Kong China | 1.0 |
| Israel | 1.0 |
| Japan | 1.0 |
| Korea | 1.0 |
| Latvia | 1.0 |
| Lithuania | 1.0 |
| Argentina | 0.0 |

The total number of results for Rank by Total, across all Team/NOC, is 93.

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