1- Data Analysis Guided Project – Olympic Games Analysis

This Project solves a real life business problem scenario, which in this case you are asked to visualize data that tells people how different countries have performed and what have they achieved historically in summer Olympic Games.

The first phase of completing this project was Data Collection, The required datas for the visualization was imported from SQL database.

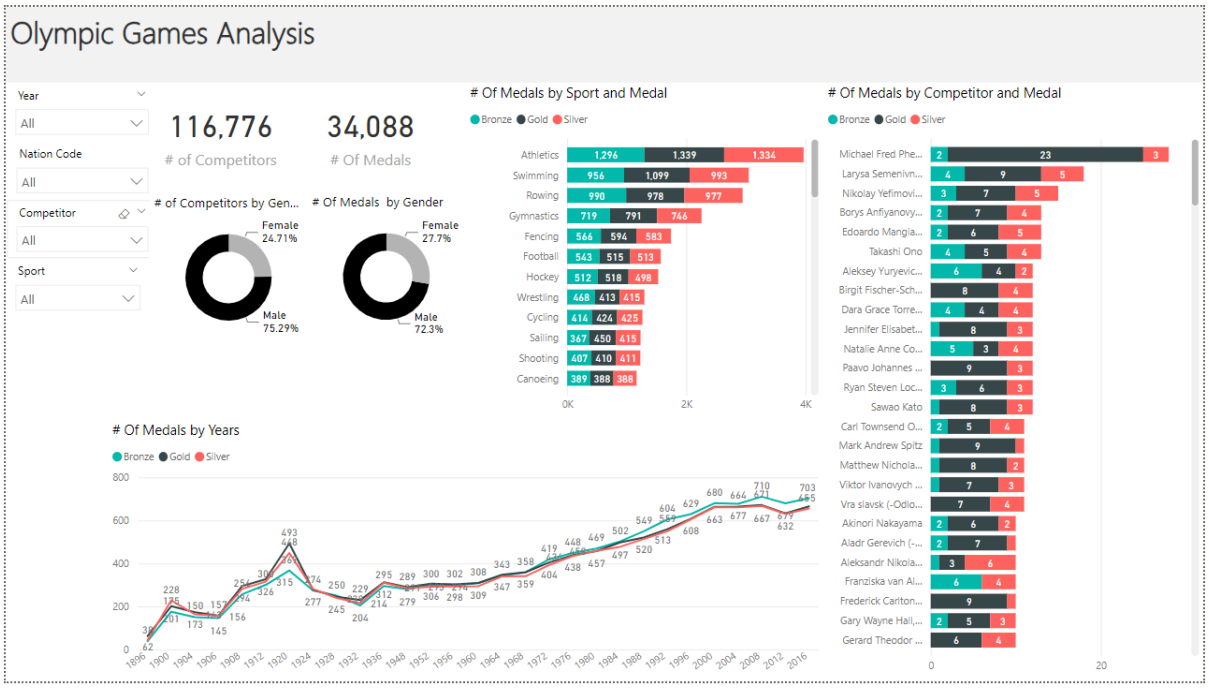
Then some calculations was conducted in Power BI reports using DAX (Data Analysis Expressions)

For instance:

```
# Of Medals (Registered) = CALCULATE (
        [# Of Medals] , FILTER('Olympic Games',
          'Olympic Games'[Medal] = "Bronze" ||
         'Olympic Games'[Medal] = "Silver" ||
         'Olympic  Games'[Medal] ="Gold")
        )
```

The completed dashboard comprises visual representations and interactive filters that provide convenient choices for users to explore the historical records of the Summer Olympic Games. Among the available functionalities are the abilities to narrow down results by year or nation code. This allows users to concentrate on a particular country, enabling them to delve into the details of specific competitors or sports over different periods.

Screenshot of the Dashboard:



2- Data Professional Survey Breakdown Guided Project:

This project is on a Dataset made from a conducted survey on data professions from people that work with data and asking them few questions relating to their career.

Before creating the dashboard data cleaning performed on the dataset by removing some unnecessary columns, some of the dataset columns contained huge number of values that were the same but in different spelling, these rows were all in such a format that you could spot using split columns then entering custom delimiter to filter out these values and then drop them out.

And the ''Current Yearly Salary (in USD)'' columns wasn't in a range form like 105k – 125k, to convert into a better form to work with this column this column was first split by a custom delimiter then took the sum of the two numbers to get the average of that range.

The final dashboard demonstrated the survey to tell end users how happy these professionals are with their salary and work/life balance, and average salary by job in different countries….etc.

Screenshot of the Dashboard: