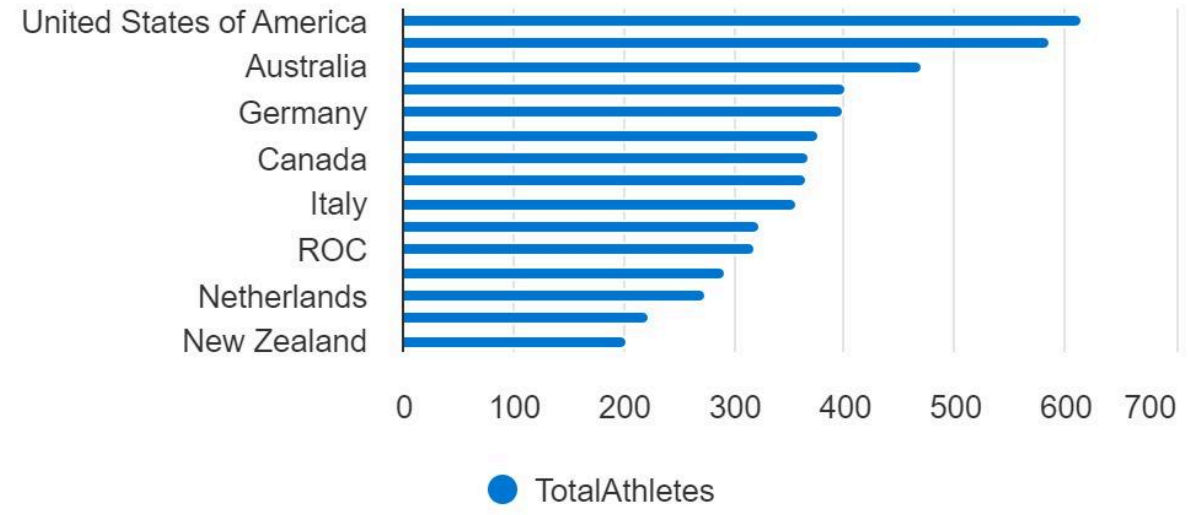
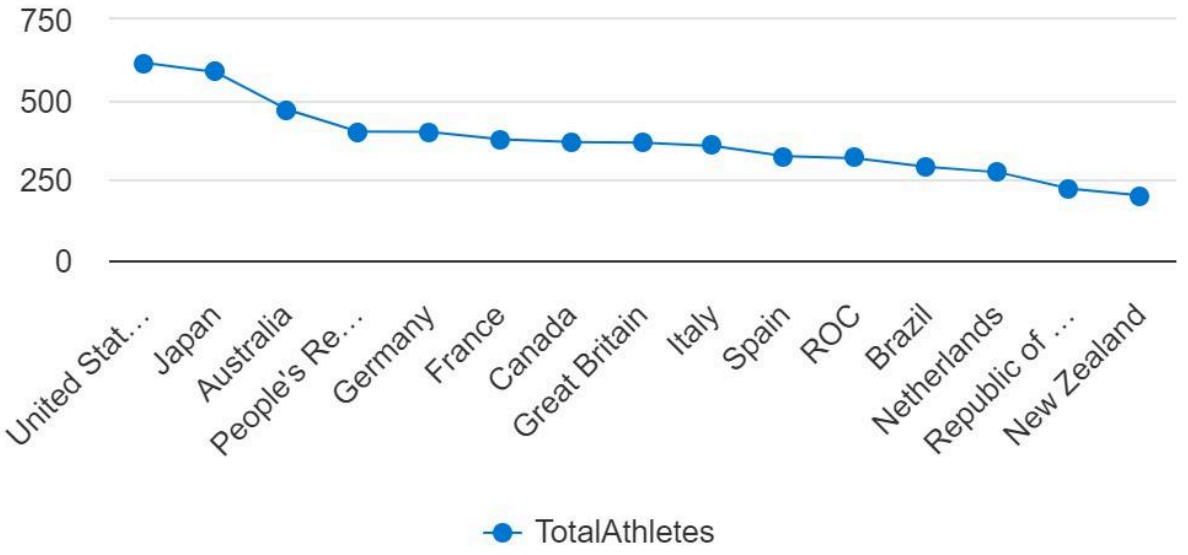
SQL commands and data visualization in Azure Synapse Analytics

- Find country that sent their athletes to Olympic more than or equal 200 athletes

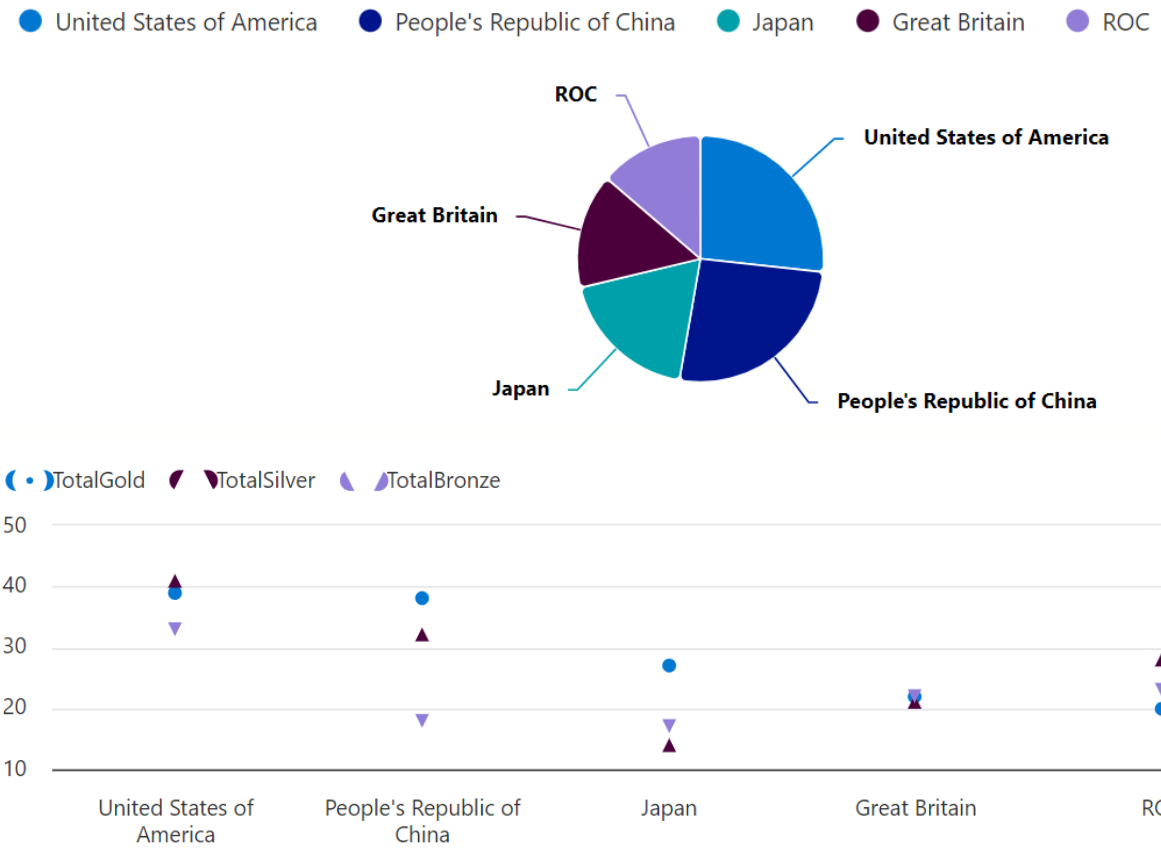
```
SELECT Country, COUNT(PersonName) TotalAthletes FROM athletes
GROUP by Country
HAVING COUNT(PersonName) >= 200
ORDER by TotalAthletes DESC;
```





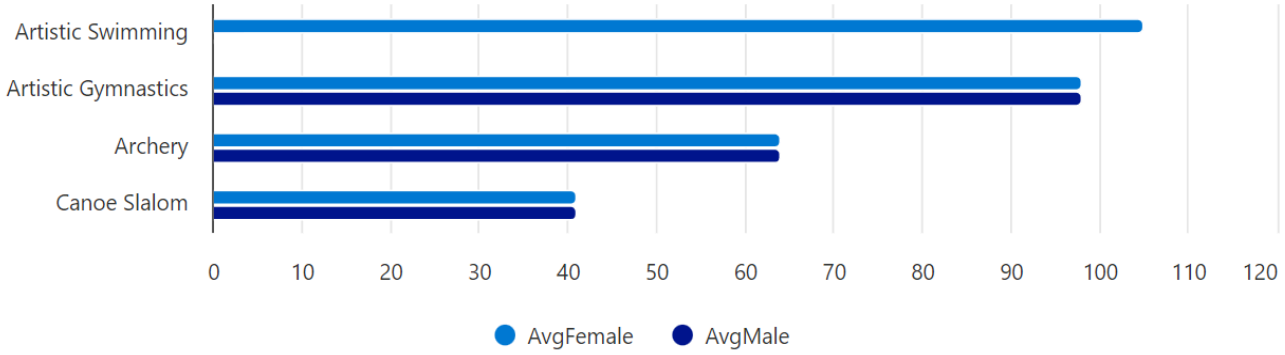
❖ Find total medals won by each country

```
SELECT TOP 5 TeamCountry,
SUM(Gold) TotalGold,
SUM(Silver) TotalSilver,
SUM(Bronze) TotalBronze FROM medals GROUP BY TeamCountry
ORDER BY TotalGold DESC;
```



❖ Find average amount of entries by gender for specific discipline

```
SELECT Discipline,
AVG(Female) AvgFemale, AVG(Male) AvgMale
from entriesgender
WHERE Discipline IN ('Archery', 'Artistic Gymnastics', 'Artistic
Swimming', 'Canoe Slalom')
GROUP by Discipline;
```


Artistic Swimming
Artistic Gymnastics
Archery
Canoe Slalom
0
10
20
30
40
50
60
70
80
90
100
110
120
AvgFemale
AvgMale