

## ASSIGNMENT - TABLEAU

1. Find the total number of gold medals won by the country India in the year 1928

Data set : Modified summer Olympic dataset link

Steps:

1. Use all medalists table from Modified\_Summer\_Olympic\_medallists\_1896-2008 dataset
2. Perform inner join operation between All medalists table and team events fixed all years total table on column NOC
3. Convert the Edition field to dimension
4. Use the country field in the view
5. Using country field perform filter for country=India
6. Using medal field perform filter for medal=gold
7. Using edition field perform filter for year=1928
8. Use count of medals field on text marks card shelf

- a) 1
- b) 15
- c) 5
- d) 12

2. Using orders table from sample superstore dataset, Choose the appropriate options, that creates a chart showing which subcategories are losing money in each region

1. Create a calculated field name it profitable or not and use formula  $\text{IIF}(\text{SUM}([\text{Profit}]) < 0, \text{'Not profitable'}, \text{'Profitable'})$ ->Drag region field to rows shelf->Drag subcategory field to rows shelf->Drag profit field to column shelf->Drag profitable or not to filter shelf and select not profitable
2. Drag region field to rows shelf->Drag subcategory field to rows shelf->Drag profit field to column shelf
3. Create a calculated field name it profitable or not and use formula  $\text{IIF}(\text{SUM}([\text{Profit}]) < 0, \text{'Not profitable'}, \text{'Profitable'})$ ->Drag region field to rows shelf->Drag subcategory field to rows shelf->Drag profit field to column shelf->Drag profitable or not to colour marks card shelf

- a) 1,2,3
- b) 1,2
- c) 2,3,1

3. What is the difference between a dual-axis chart and a combined-axis chart?

- a) Dual axis and combined axis are different terms but have the same meaning.
- b) Dual axis chart creates two independent axes while a combined axis chart merges two or more measures into a single axis.
- c) Combined axis chart creates two independent axes while a dual axis chart merges two or more measures into a single axis.
- d) Dual axis chart becomes a combined axis chart once two or more measures are combined into a single axis.

4. When creating a relationship between two tables in tableau, we must choose between a left, right, or inner join.

- a) True
- b) False