9/9/2023 <u>Agenda</u>

→ <u>Operations On Dataset</u>

             ↳

→ Dashboarding & its objects
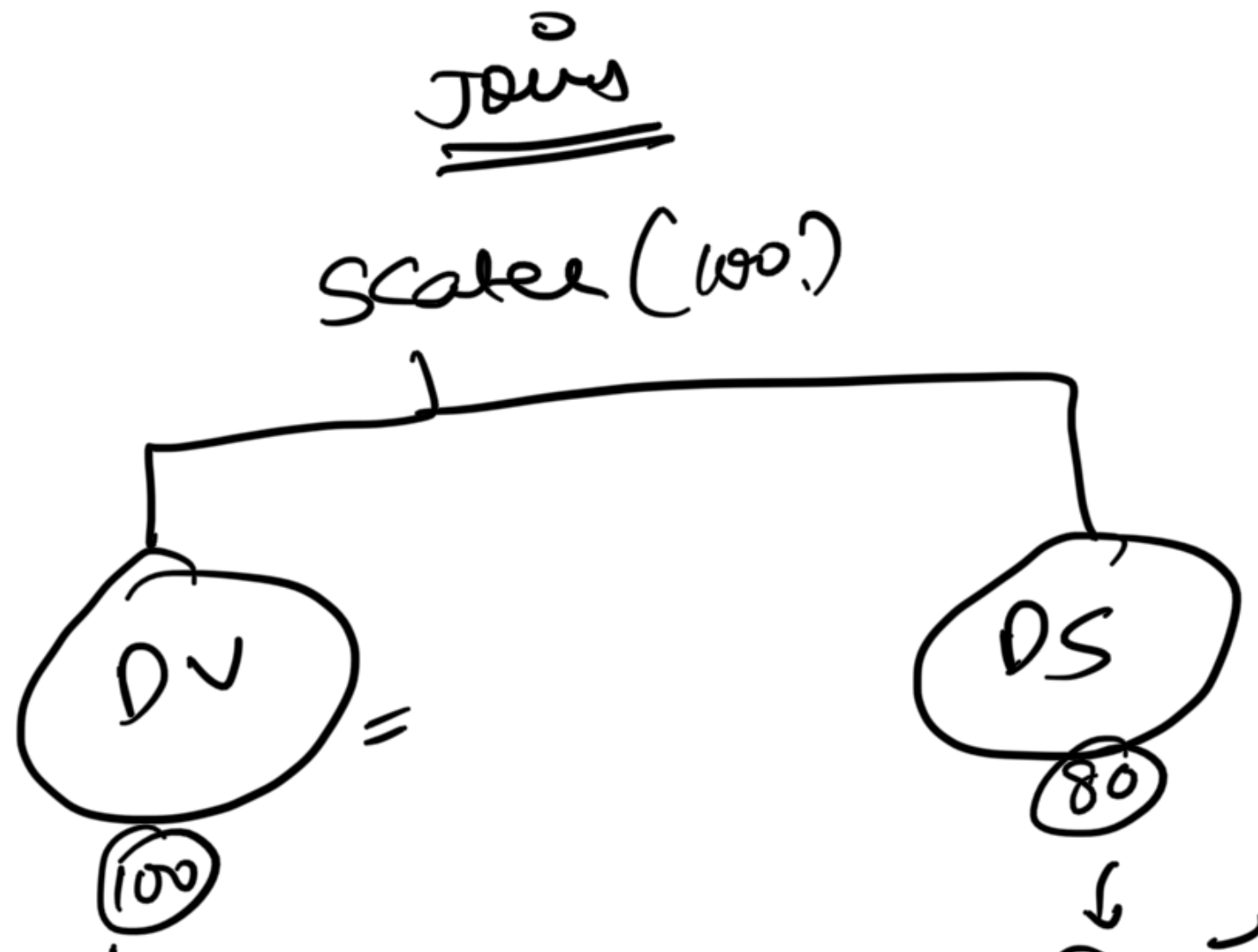   ↳ Objects

→   ↳ Actions

→ Story.
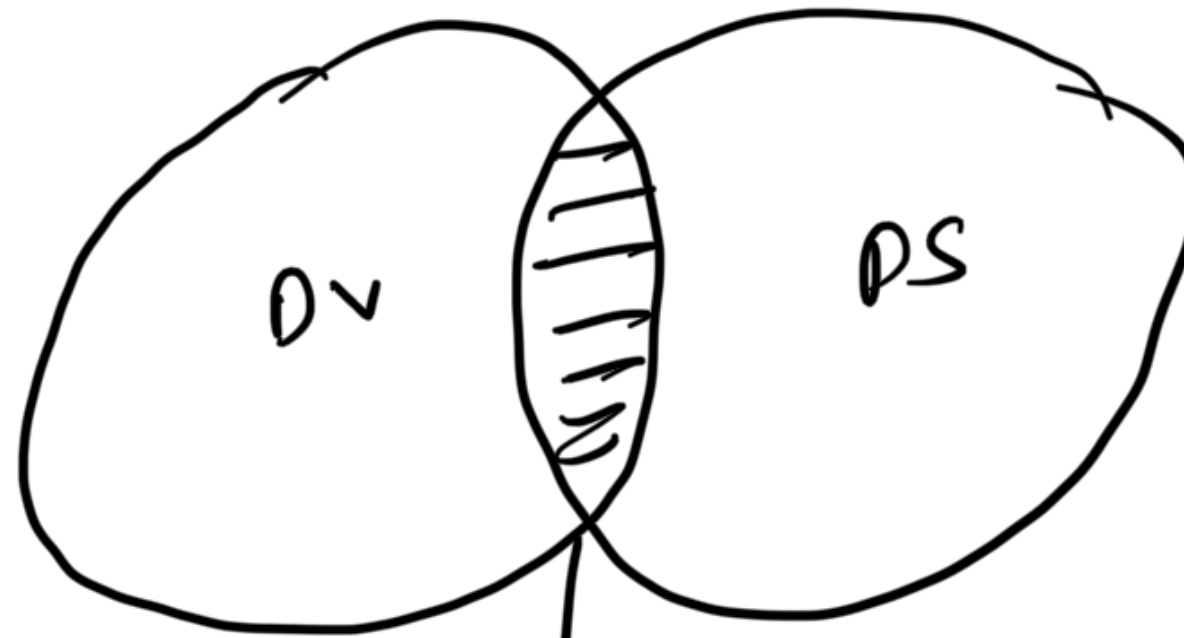
→ Performance Recordering

→ Interview Questions & Topics

<u>Data Operations</u> =

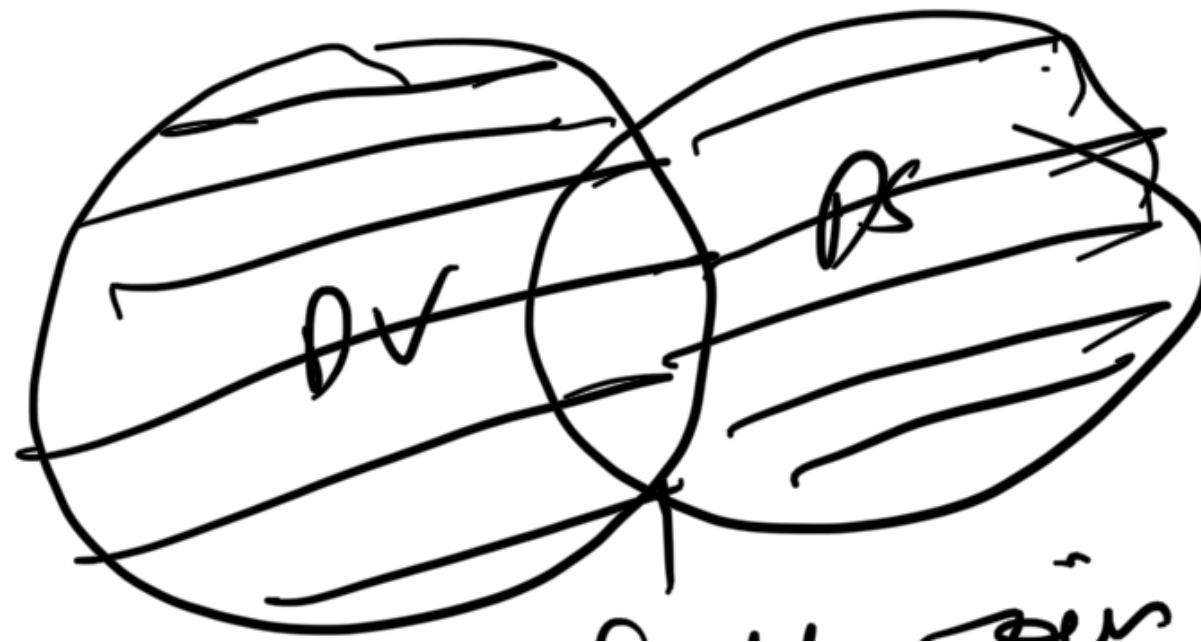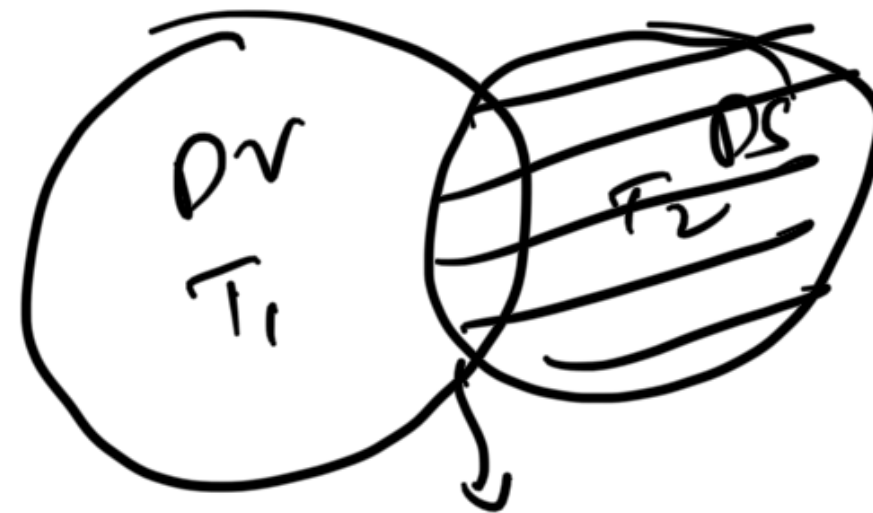**Q** Top 10 countries based on CO_2 emmission & their corresponding CO_2 per capita?

JOINS

Scaler (100.)

DV = 100

DS 80

T_1

T_2

DV   DS

inner join

common students

DV   DS

(T_1) (T_2)

Left Join

DV T_1 F_2 DS

Right Join

DV DS

Join   vs   Relationship

↳ Simple Join

↳ offers multiple
        types of joins
          ↳ inner
          ↳ left
          ↳ outer

↳ Smart join
↳ Join is implemented
      by itself
        ↳ No join
           selection
           option

        ↳(Recommended)

↳

(6) All the countries with their (CO2 emmos)

& (gold Medals) won by them during olympics

& # Medalist

CO2

Join
Relation → [Only works with one data]

) blending in Tableau

Join/Relation vs Blending

[(2 Multiple

↳ Same Data Source

↳ Multiple joins =

↳ Combines the
datasource &
for agg.

Sources

↳ left join =
↳ primary (all)
& secondary

↳ Aggregate &
then combine.

How Product ID data & join them. ⎤ Union
(joins vs union) = int

& [Create a Sales dashboard & provide
   Some actionable insights]
                        ↳ for 2022

                ↓
           Target amt
                                    ↖

   ↳ Data Sources (all are possible)
   ↳ Data operations
                ↳ Relationship vs Joins
                ↳ Joins vs Blending

   | Dim Vs Measures

↳ → └ switch btw Dim to ...
&t vice
versa

└ Pivots & Data Interpreter

└ LOD's
└ fixed, exclude, include.
└ fixed vs (exclude/include)

└ Parameters & This Application
(V. Imp)
└ Switch charts
└ Switch Dim / Measures
└ Top N, Bottom M

⌐ Dynamic calc

Explore ⌐ Tabpy → Calling Python in Tableau

⌐ Tableau Saving options
              ⌐ .TWBx (packaged
                              workbook)

⌐ Live vs Extract
                              → Imp.

⌐ Table in tableau.

⌐ Order of Operations → v. imp

⌐ Context vs Quick filters

↳ User filter (Extract filter)
                 ↳ Row level security

↳ Performance Recording

        ↳ Keep limited content
                        filters

        ↳ Remove unwanted field
                   from the
                   data set.

        ↳ prefer Extracts over
                 live connections

        ↳ Avoid custom queries
            & do the manipulation
            with the data
                   set

↳ Avoid joins / between

     & do it within

     the data base

↳ Performance Recording