

Week-3

'Data Aggregation'

It is a process of gathering data from multiple sources in order to combine it into a single - summarized collection.

Aggregation: Collecting or gathering many separate pieces into a whole.

(Puzzle).

In terms of
Data.

Puzzle Pieces = Data

Organized = Aggregation

Pile of Pieces = Summary

Putting together = gaining insights

Data aggregation lets:

- Identify Trends
- Make Comparisons
- Gain Insights.

To make use of VLOOKUP properly -
the Data should be in a right Format

| VALUE ("text")

- VLOOKUP can't look Left.
- Returns only first match

“ When people start in OA, they often think that those of us who've been in the field, know everything.”

But we are still figuring out “

Troubleshooting Questions

- How should I prioritize issues?
 - Trying to solve lots of problems all at once can feel overwhelming.
 - One thing at a time.

- What's the issue I am facing?

- Helps clarify what's really going on. Don't get bogged down to extra details.

- What resources help me solve the problem

- Internet

- People

- Coworkers

- How can I stop the same problem to happen again in the future?

* Data cut - pasted column to left... for VLOOKUP.

* USE ABSOLUTE REFERENCE in VLOOKUP

* Lock the spreadsheets.

(Data → Protected → Ranges)

* MATCH() → Some security,

JOIN

An SQL clause that is used to combine rows from two or more tables based on a related column.

(Overview of SQL)

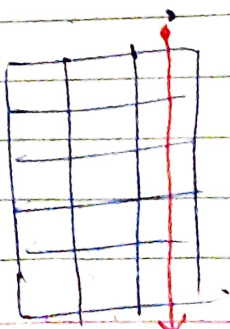
Use - Count Distinct

SELECT COUNT(DISTINCT col) FROM.

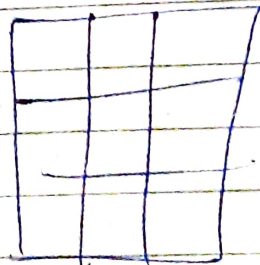
Subquery:

Inner query executes first.
↓
can be written inside of

SELECT, FROM & WHERE.



(Single Value selected)



(Fetches from Subquery table)

By using
IN, ANY,
ALL.

Use - HAVING instead of WHERE
when you use group by

→ Ask - Why! Get down to the dataset.

Week - 4

- Formulas
- Conditional Formulas - IF function
- SUMPRODUCT
- Pivot
- Temp tables

You should find the 'growth from previous years' by subtracting this year from other & then find the %

Use conditional formatting with shades of a color. (Color Scale Tab in Sheets)