

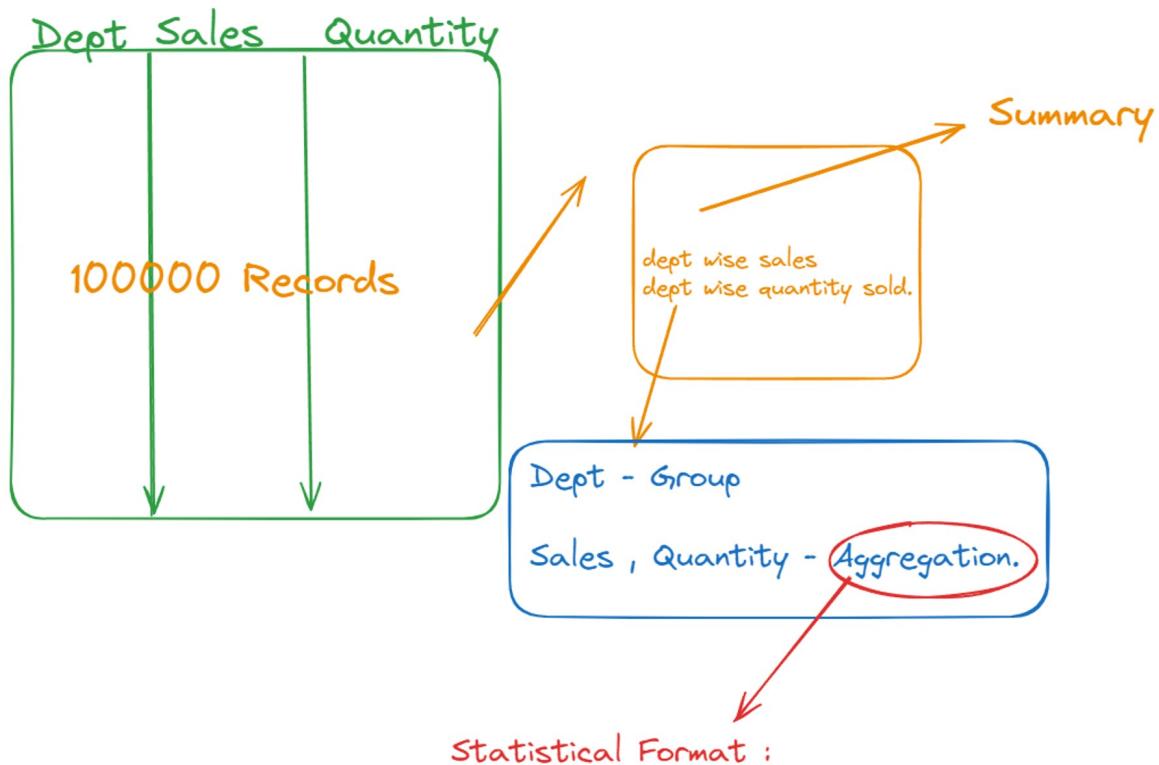
Data Summarization using Pivot Table - 2

09 August 2024 20:54

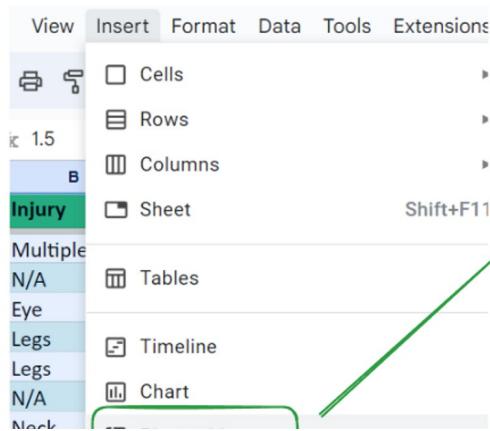
Data Summarization using Pivot Table - 2

Pivot Table :

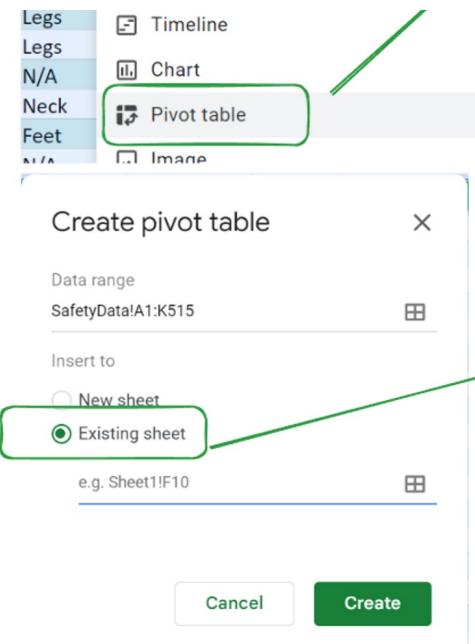
- It's a tool used to summarize the data.



Mean , Median , Mode,
SUM , AVG , MAX , MIN ,
COUNT , COUNTA ,
DISTINCT_COUNT ,
standard deviation , variance, etc.



First Select , All the dataset where you want to apply the pivot table.



Existing sheet will only work if you have previously created some sheet.

Otherwise, try to selection New Sheet Option , And rename it accordingly.

Left Side , summary will be created.

Rows Add

Columns Add

Values Add

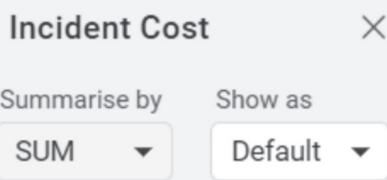
Filters Add

Row , Columns - Group the data.

Values - Data Field , Aggregation .

Filter - Drop the columns where you want to apply a filter.

Representing Columns by its header name



- Its being dropped into the values where summarized by is similar to what Aggregation.

- This being mapped into the values where summarized by is similar to what Aggregation.

Summary coming up - based on the aggregation.

Second

Minute

Hour

Hour-Minute (24 hour)

Hour-Minute (12 hour)

Day of the week

Day of the year

Day of the

Day-Mo

Month

Quarter

Real

Year III

MARCH 1971

A screenshot of Microsoft Excel showing a context menu for the date '27-Jan-20'. The menu includes options like Cut, Copy, Paste, Paste special, Insert 1 column to the left, Convert to table, Create a filter, Filter by cell value, Create pivot date group, Get link to this cell, Comment, and Insert note. The 'Create pivot date group' option is highlighted with a green box.

The screenshot shows a data visualization interface with a chart titled "incident". A dropdown menu is open, revealing options for "Date - Month", "Order" (with "Ascen..."), "Sort by" (with "Date -"), and a checked "Show totals" option. Below the chart, there are sections for "Columns" (with an "Add" button), "Values" (with an "Add" button), and "Filters" (with an "Add" button). The "Values" section contains a row for "Incident Cost" with a "SUM" summarise by option and a "Default" dropdown.

Sum of all the incident cost while dropping the numerical data in values options.

Grouping the data , Uniquely.

A	B	C	D	E
Rows	Values			

Row + Values - 1D Matrix

Row + Columns + Values - 2D Matrix

Q1 - Solution :

A	B	C
Date - Month	SUM of Incident Cost	COUNT of Injury Location
Jan	75,276	53
Feb	85,804	55
Mar	52,540	40
Apr	89,328	56
May	80,490	54
Jun	96,729	53
Jul	27,158	35
Aug	37,962	40
Sep	34,282	26
Oct	45,261	35
Nov	50,985	32
Dec	41,980	35
Grand Total	717,795	514

Summarise by: Date - Month

Order: Ascen... Sort by: Date - ...

Show totals:

Summarise by: Incident Cost

Summarise by: Injury Location

Values as: Columns .dd

Sum: SUM Default: Default

Summarise by: Date - Month

Order: Ascen... Sort by: Date - ...

Show totals:

Summarise by: Incident Cost

Summarise by: Injury Location

Values as: Columns .dd

Sum: SUM Default: Default

Q2 - Solution :

A	B	C	D	E
COUNT of Injury Shift				
Incident Type	Afternoon	Day	Night	Grand Total
Burn	1	4		5
Crush & Pinch	1	1	3	5
Cut	2	5	1	8
Equipment	2	2	3	7
Fall	2	1	6	9
Falling object	1	3	2	6
Lifting		4	2	6
Slip/trip	1	2		3
Vehicle	4	2	2	8
Grand Total	14	24	19	57

Summarise by: Incident Type

Order: Ascen... Sort by: Inciden...

Show totals:

Summarise by: Injury Location

Summarise by: Shift

Values as: Columns .dd

Sum: SUM Default: Default

Filters: Department

Status: Showing 1 item

Age Group

Security.

Q3 - Solution :

A	B	C	D
SUM of Incident	Gender		
Age Group	Female	Male	Grand Total
18-24	5,375	130,308	135,683
25-34	13,938	190,640	204,578
35-49	20,591	154,164	174,755
50+	21,170	156,759	177,929
Grand Total	61,074	631,871	692,945

Age Group

Order: Ascen... Sort by: Age Gr...

Show totals

Gender

Order: Ascen... Sort by: Gender

Show totals

Values

Incident Cost

Summarise by: SUM Show as: Default

Add

Q4 - Solution.

Report Type	COUNTA of Injur
First Aid	114
Lost Time	133
Medical Claim	128
Near Miss	139
Grand Total	514

Rows

Report Type

Order: Ascen... Sort by: Report ...

Show totals

Add

Columns

Injury Location

Summarise by: COUN... Show as: Default

Add

Values

Add

Filters

Add