

The screenshot shows a Microsoft SQL Server Management Studio (SSMS) window. The title bar includes the SSMS logo, file names, and standard menu options like File, Edit, View, Query, Git, Project, Tools, Extensions, Window, Help, and Search.

The Object Explorer on the left shows a connection to "localhost (SQL Server 17.0.1050.2 - ANUBHA)". It lists several database objects: Databases, Security, Server Objects, Replication, Always On High Availability, Management, and SQL Server Agent (Agent XPs disabled). The XEvent Profiler is also listed.

The main area contains two tabs: "SQLQuery1.sq...HAV\HP (74)" and "SQLQuery-o...AV\HP (71)". The "SQLQuery1.sq...HAV\HP (74)" tab is active and displays the following T-SQL script:

```
24 --Checking data
25 Select * from [Depression+Student+Dataset]
26
27 --Checking for null values
28 Select * from [Depression+Student+Dataset] where Gender is null
29
30 Select * from [Depression+Student+Dataset] where Gender = ''
31
32 --Checking Age column
33 Select Age, count(*) [No.of people of this age] from [Depression+Student+Dataset]
34 group by Age
35 order by Age desc
36
37 --Creating a new Age Group column
38 Alter table [dbo].[Depression+Student+Dataset]
39 Add Age_Group varchar(max)
40
41 --checking created Age_Group column
42 Select * from [Depression+Student+Dataset]
43
44 --As we can see age group column has been created successfully, but it has only null values
45
46 --Filling null values with condition
47 Update [Depression+Student+Dataset]
48 set Age_Group =
49 case when Age between 18 and 24 then 'A1'
50 Else case when age between 25 and 30 then 'A2'
51 else 'A3' end end
```

The status bar at the bottom provides information about the session: "Connected. (1/1)", "localhost (17.0 RTM) | ANUBHAV\HP (71) | depression | 00:00:00 | Row: 0, Col: 0 | 0 rows". It also shows the current date and time: "00:17 29-01-2026".

The screenshot shows a Microsoft Windows desktop environment with a Microsoft SQL Server Management Studio (SSMS) window open in the foreground. The SSMS window displays a query editor with several T-SQL statements. The code includes logic to fill null values for age groups, count people in each group, and retrieve information from the INFORMATION_SCHEMA.COLUMNS table. The SSMS interface includes an Object Explorer on the left, two tabs for queries, and a status bar at the bottom.

```
45      --Filling null values with condition
46      Update [Depression+Student+Dataset]
47      set Age_Group =
48      case when Age between 18 and 24 then 'A1'
49      Else case when age between 25 and 30 then 'A2'
50      else 'A3' end end
51
52      --Checking data
53      Select * from [dbo].[Depression+Student+Dataset]
54
55      --Counting no.of People in each age group
56      Select Age_Group, count(*) [No.of student] from [Depression+Student+Dataset]
57      group by Age_Group
58
59      --Getting Information schema for student depression table
60      Select * from INFORMATION_SCHEMA.COLUMNS where table_name like 'Depression+Student+Dataset'
61
62      Select Academic_Pressure,count(*) [Count] from [dbo].[Depression+Student+Dataset]
63      group by Academic_Pressure
64
65      Select Study_Satisfaction,count(*) [Count] from [dbo].[Depression+Student+Dataset]
66      group by Study_Satisfaction
67
68      Select Sleep_Duration,count(*) [Count] from [dbo].[Depression+Student+Dataset]
69      group by Sleep_Duration
70
71
72
```

Object Explorer

- localhost (SQL Server 17.0.1050.2 - ANUBHA)
- Databases
- Security
- Server Objects
- Replication
- Always On High Availability
- Management
- SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery1.sq...HAV\HP (74)) SQLQuery-o...AV\HP (71))

100 % No issues found

Connected. (1/1) | localhost (17.0 RTM) | ANUBHAV\HP (71) | depression | 00:00:00 | Row: 0, Col: 0 | 0 rows

Ln: 8, Ch: 23 | TABS | CRLF | Windows 1252

Ready

Type here to search

File Edit View Query Git Project Tools Window Help Search

Sign in

00:17 29-01-2026

1

2

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The top menu bar includes File, Edit, View, Query, Git, Project, Tools, Extensions, Window, Help, and Search. The toolbar below has icons for New Query, Execute, Save, and other common functions. The Object Explorer on the left lists the database 'localhost (SQL Server 17.0.1050.2 - ANUBHA)' with its Databases, Security, Server Objects, Replication, Always On High Availability, Management, and SQL Server Agent components. The main area contains two tabs: 'SQLQuery1.sq...HAV\HP (74))' and 'SQLQuery-o...AV\HP (71))'. The code in the second tab is as follows:

```
72      Select Dietary_Habits,count(*) [Count] from [dbo].[Depression+Student+Dataset]
73      group by Dietary_Habits
74
75      Select Have_you_ever_had_suicidal_thoughts,count(*) [Count] from [dbo].[Depression+Student+Dataset]
76      group by Have_you_ever_had_suicidal_thoughts
77
78      Select Study_Hours,count(*) [Count] from [dbo].[Depression+Student+Dataset]
79      group by Study_Hours
80
81      Select Financial_Stress,count(*) [Count] from [dbo].[Depression+Student+Dataset]
82      group by Financial_Stress
83
84
85      Select Family_History_of_Mental_Illness,count(*) [Count] from [dbo].[Depression+Student+Dataset]
86      group by Family_History_of_Mental_Illness
87
88      Select Depression,count(*) [Count] from [dbo].[Depression+Student+Dataset]
89      group by Depression
90
91      Select Age_Group,count(*) [Count] from [dbo].[Depression+Student+Dataset]
92      group by Age_Group
93
94
95      --Adding an Index column
96      Alter table [dbo].[Depression+Student+Dataset]
97      Add Index_Column int identity(1,1)
98
99      --Checking data
```

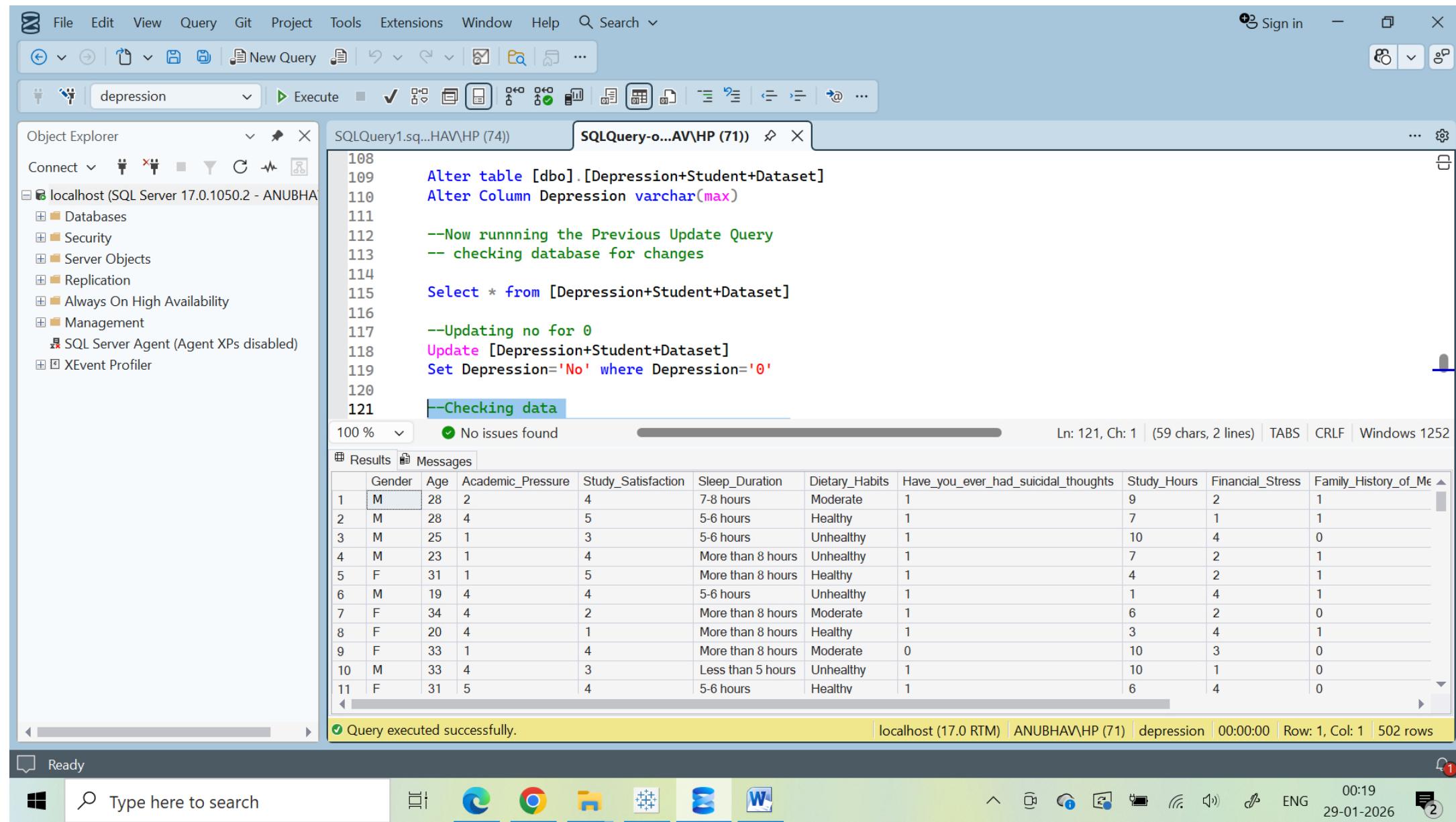
The status bar at the bottom shows 'Connected. (1/1)', 'localhost (17.0 RTM) | ANUBHAV\HP (71) | depression | 00:00:00 | Row: 0, Col: 0 | 0 rows', and 'Ln: 8, Ch: 23 | TABS | CRLF | Windows 1252'. The taskbar at the bottom includes icons for File Explorer, Edge, Google Chrome, File Manager, Task View, and Word.

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The top menu bar includes File, Edit, View, Query, Git, Project, Tools, Extensions, Window, Help, and Search. The toolbar below has icons for New Query, Execute, Save, and other common functions. The Object Explorer on the left shows a connection to 'localhost (SQL Server 17.0.1050.2 - ANUBHA)' with nodes for Databases, Security, Server Objects, Replication, Always On High Availability, Management, and SQL Server Agent.

The main area contains two tabs: 'SQLQuery1.sq...HAV\HP (74))' and 'SQLQuery-o...AV\HP (71))'. The 'SQLQuery1.sq...HAV\HP (74))' tab is active and displays the following T-SQL script:

```
98  
99      --Checking data  
100     Select * from [Depression+Student+Dataset]  
101  
102      --Modifying the Depression column, Adding yes for 1 and no for 0  
103     Update [Depression+Student+Dataset]  
104     set Depression='Yes' where Depression=1  
105  
106      --It shows conversion failed because depression column is bit type  
107      --Converting depression column into varchar type  
108  
109     Alter table [dbo].[Depression+Student+Dataset]  
110     Alter Column Depression varchar(max)  
111  
112      --Now running the Previous Update Query  
113      -- checking database for changes  
114  
115     Select * from [Depression+Student+Dataset]  
116  
117      --Updating no for 0  
118     Update [Depression+Student+Dataset]  
119     Set Depression='No' where Depression='0'  
120  
121      --Checking data  
122     Select * from [Depression+Student+Dataset]  
123  
124      --counting no. of Student under depression and no.of student are not  
125     Select Depression,count(*) [Count] from [dbo].[Depression+Student+Dataset] group by Depression
```

The status bar at the bottom shows 'Connected. (1/1)', 'localhost (17.0 RTM) | ANUBHAV\HP (71) | depression | 00:00:00 | Row: 0, Col: 0 | 0 rows', and 'Ln: 8, Ch: 23 | TABS | CRLF | Windows 1252'. The taskbar at the bottom includes icons for File Explorer, Edge, Google Chrome, File Manager, Task View, and Word.



SQl Server Management Studio (SSMS) interface showing a query results grid.

The Object Explorer shows the connection to "localhost (SQL Server 17.0.1050.2 - ANUBHA)".

The Results tab displays the output of the query:

	Sleep_Duration	Dietary_Habits	Have_you_ever_had_suicidal_thoughts	Study_Hours	Financial_Stress	Family_History_of_Mental_Illness	Depression	Age_Group	Index_Column
1	7-8 hours	Moderate	1	9	2	1	No	A2	1
2	5-6 hours	Healthy	1	7	1	1	No	A2	2
3	5-6 hours	Unhealthy	1	10	4	0	Yes	A2	3
4	More than 8 hours	Unhealthy	1	7	2	1	No	A1	4
5	More than 8 hours	Healthy	1	4	2	1	No	A3	5
6	5-6 hours	Unhealthy	1	1	4	1	Yes	A1	6
7	More than 8 hours	Moderate	1	6	2	0	Yes	A3	7
8	More than 8 hours	Healthy	1	3	4	1	Yes	A1	8
9	More than 8 hours	Moderate	0	10	3	0	No	A3	9
10	Less than 5 hours	Unhealthy	1	10	1	0	Yes	A3	10
11	5-6 hours	Healthy	1	6	4	0	Yes	A3	11
12	7-8 hours	Unhealthy	1	11	5	0	Yes	A1	12
13	Less than 5 hours	Unhealthy	1	2	1	1	Yes	A1	13
14	5-6 hours	Moderate	1	12	3	1	Yes	A2	14
15	More than 8 hours	Unhealthy	1	3	5	1	Yes	A1	15
16	5-6 hours	Healthy	1	8	3	1	Yes	A2	16
17	More than 8 hours	Moderate	0	10	4	0	Yes	A1	17
18	Less than 5 hours	Healthy	1	0	3	0	No	A1	18
19	More than 8 hours	Unhealthy	1	2	5	0	Yes	A1	19
20	More than 8 hours	Unhealthy	1	1	3	0	Yes	A2	20
21	More than 8 hours	Unhealthy	0	3	3	1	No	A3	21
22	More than 8 hours	Healthy	1	1	3	0	No	A1	22
23	More than 8 hours	Unhealthy	0	10	1	0	No	A3	23
24	7-8 hours	Moderate	0	11	5	1	No	A3	24
25	7-8 hours	Moderate	1	12	5	1	Yes	A3	25

The status bar at the bottom indicates "Query executed successfully." and provides session details: "localhost (17.0 RTM) | ANUBHAV\HP (71) | depression | 00:00:00 | Row: 1, Col: 1 | 502 rows".

Connections Addlocalhost
Microsoft SQL Server

Database

depression

Table

Depression+Student+Dataset

New Custom SQL

New Union

New Table Extension

Depression+Student+Dataset (depression)

Connection

 Live Extract

Edit

Refresh

Filters

0 | Add

Extract contains all data. 29-01-2026 00:01:09

Depression+Student+Da...

Depression+Student+Dat...

13 fields 502 rows

100

→

rows



Table Details

Abc	#	#	#	Abc	Abc
Depression+Student+Dataset	Depression+Student+Dataset	Depression+Student+Dataset	Depression+Student+Dataset	Depression+Student+Dataset	Depression+Student+Dataset
Gender	Age	Academic Pressure	Study Satisfaction	Sleep Duration	Dietary Habits
M	28	2	4	7-8 hours	Moderate
M	28	4	5	5-6 hours	Healthy
M	25	1	3	5-6 hours	Unhealthy
M	23	1	4	More than 8 hours	Unhealthy

Data Source

AP&SC

FS&SC

SS&SC

SD&SC

SH&SC

Dashboard 1



Anubhav Srivas...



Type here to search

00:20
29-01-2026



Connections Add

localhost
Microsoft SQL Server

Database

depression

Table

Depression+Student+Dataset

New Custom SQL

New Union

New Table Extension

Depression+Student+Dataset (depression)

Connection

 Live Extract

Edit

Refresh

Filters

0 | Add

Extract contains all data. 29-01-2026 00:01:09

Depression+Student+Da...

Depression+Student+Dat...

13 fields 502 rows

100

→

rows

▼

Depression+Student+Dataset	Study Hours	Financial Stress	Family History of Mental Illness	Depression	Age Group	Index Column
9	2	True	No	A2	1	
7	1	True	No	A2	2	
10	4	False	Yes	A2	3	
7	2	True	No	A1	4	

Data Source

AP&SC

FS&SC

SS&SC

SD&SC

SH&SC

Dashboard 1

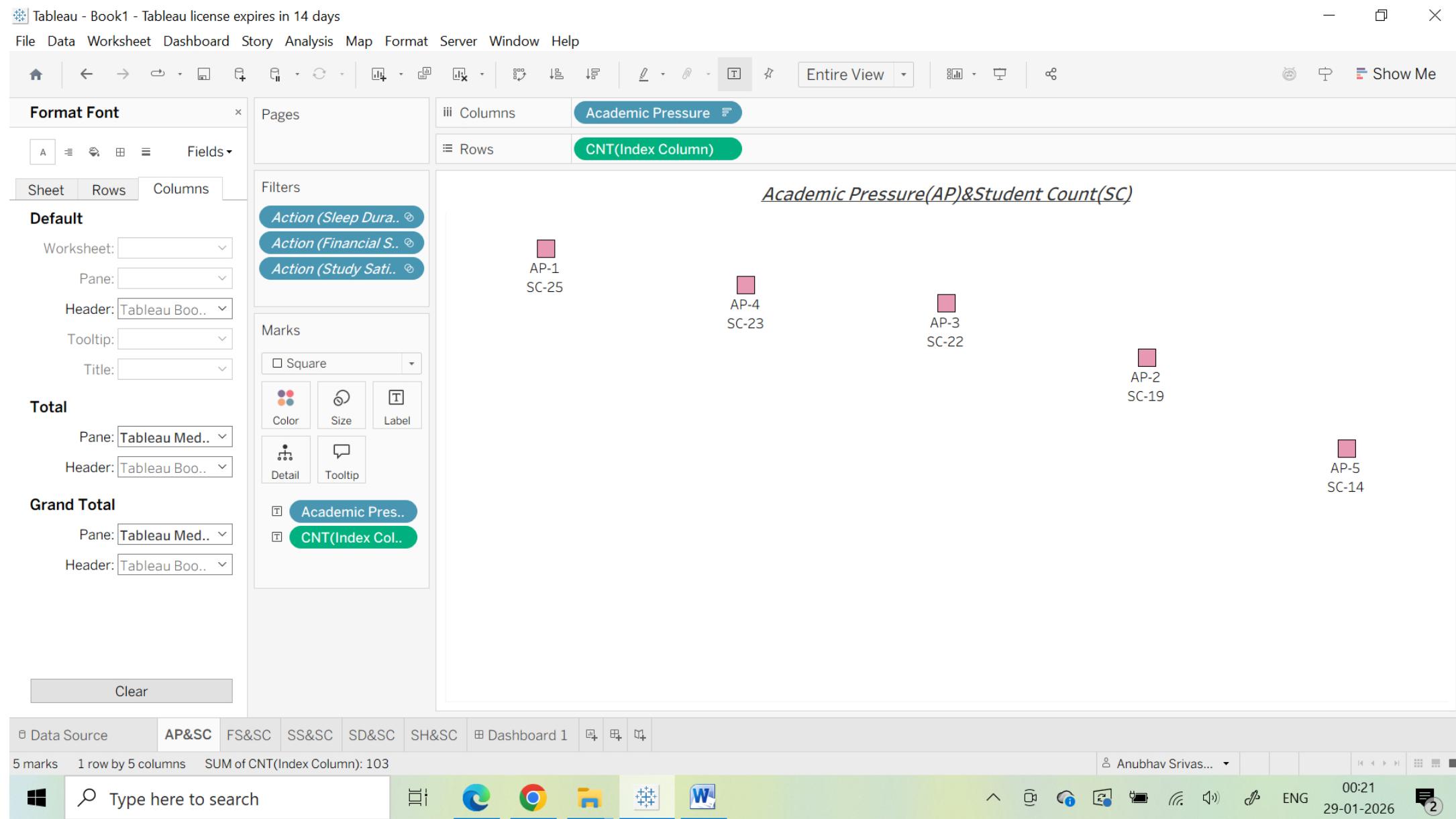


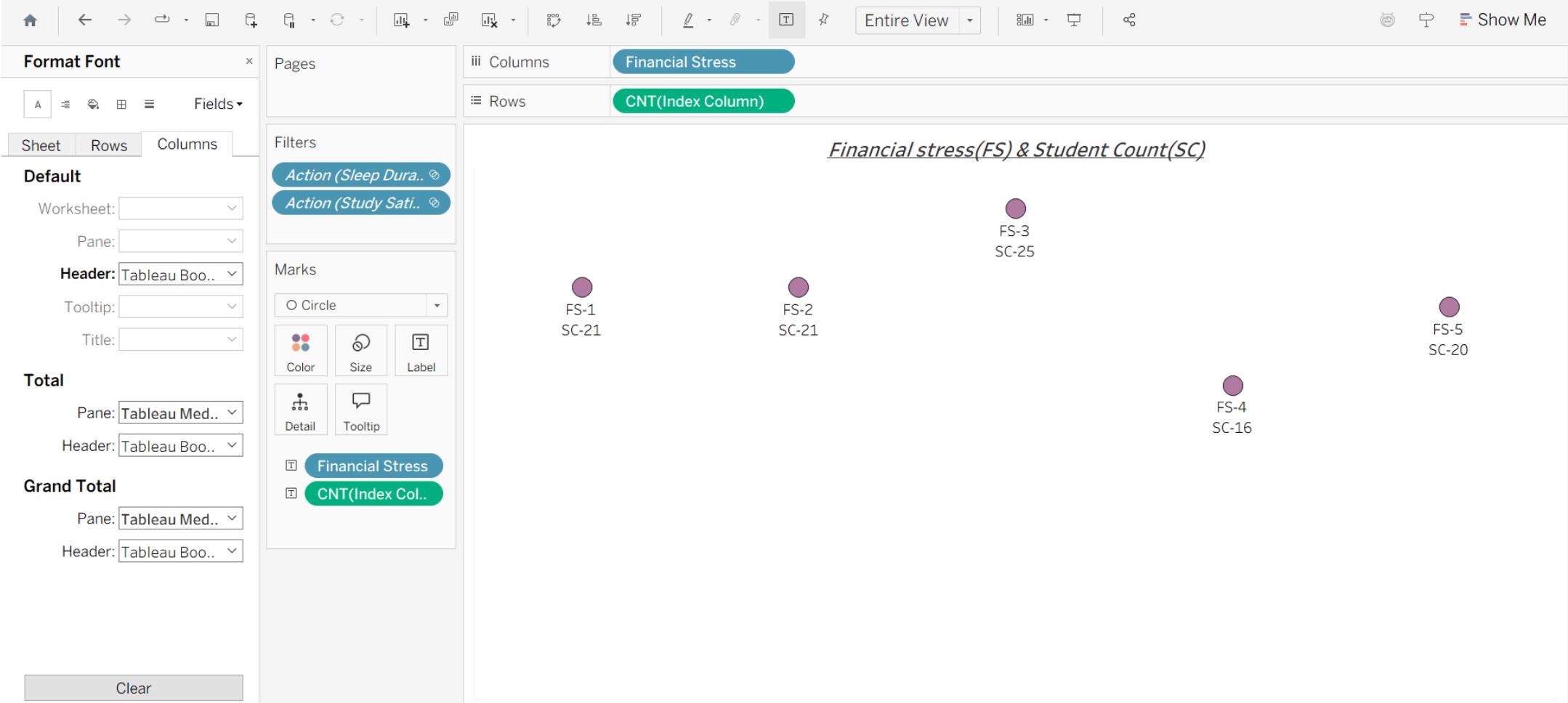
Anubhav Srivas...

00:20
29-01-2026

Type here to search





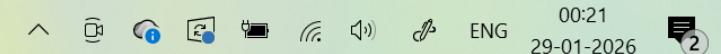
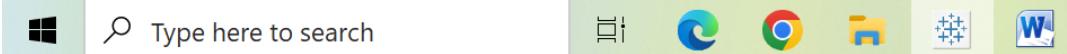


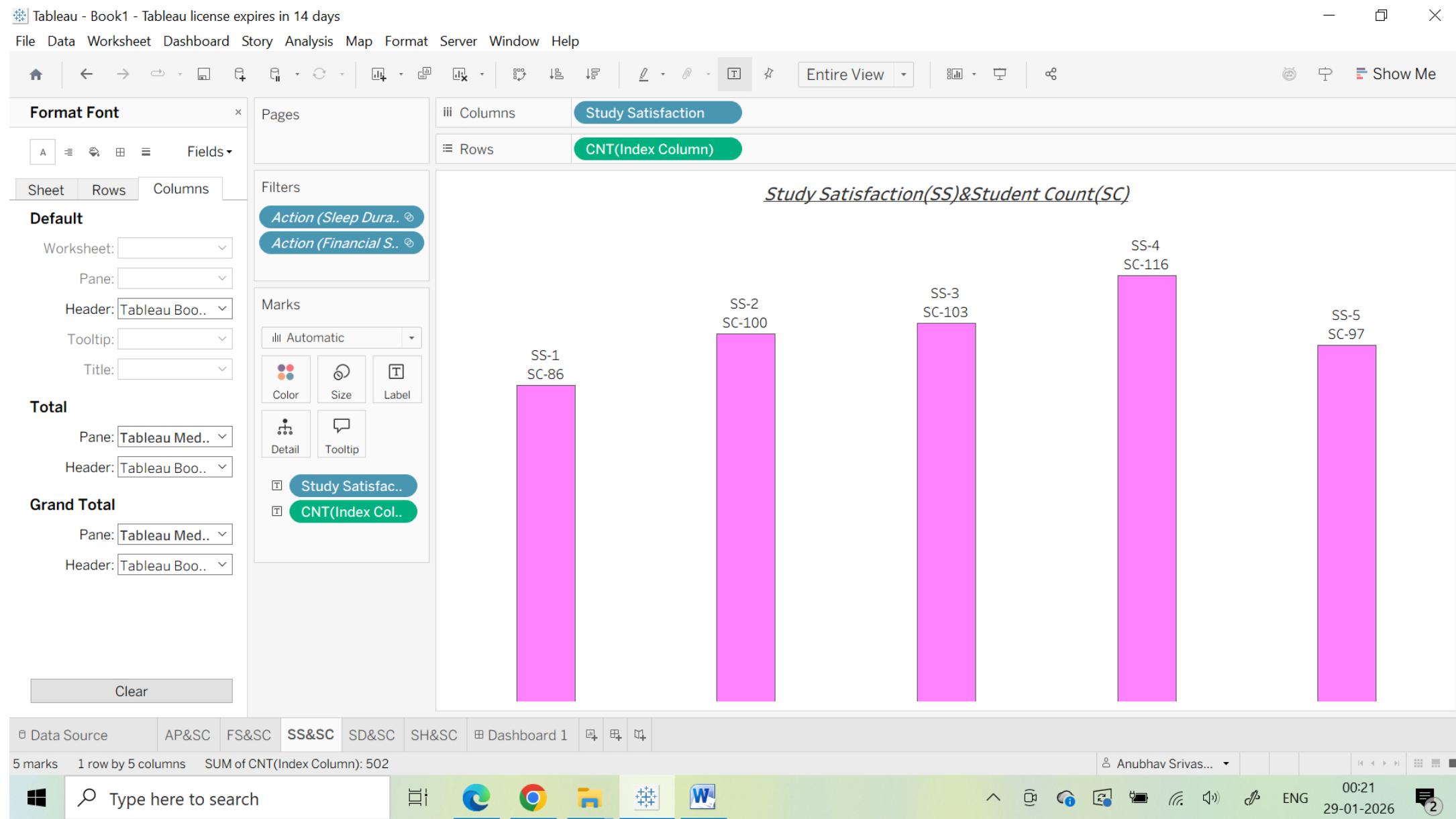
Data Source AP&SC FS&SC SS&SC SD&SC SH&SC Dashboard 1

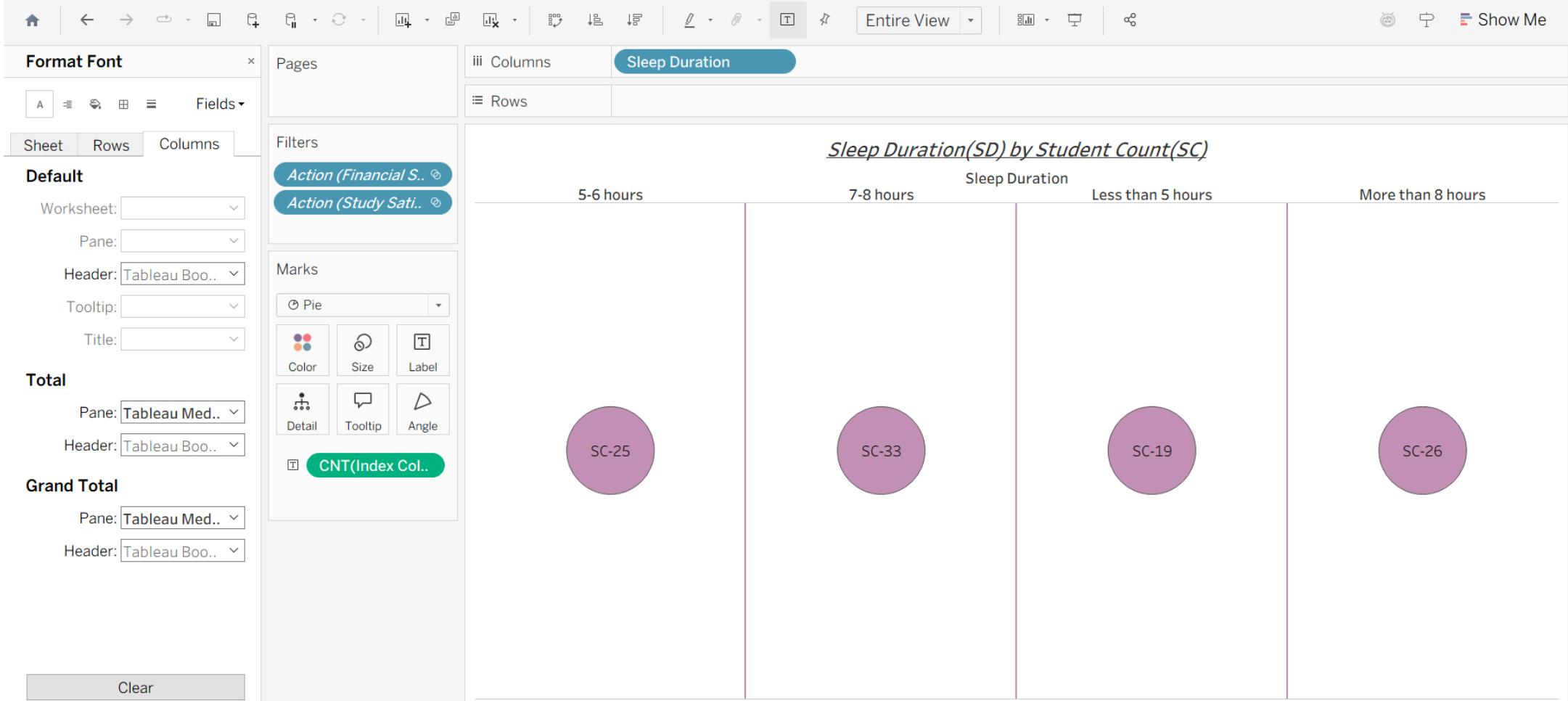
5 marks 1 row by 5 columns SUM of CNT(Index Column): 103

Anubhav Srivas...

00:21
29-01-2026







Data Source

AP&SC

FS&SC

SS&SC

SD&SC

SH&SC

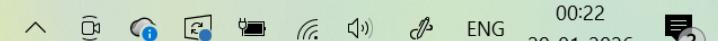
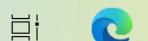
Dashboard 1

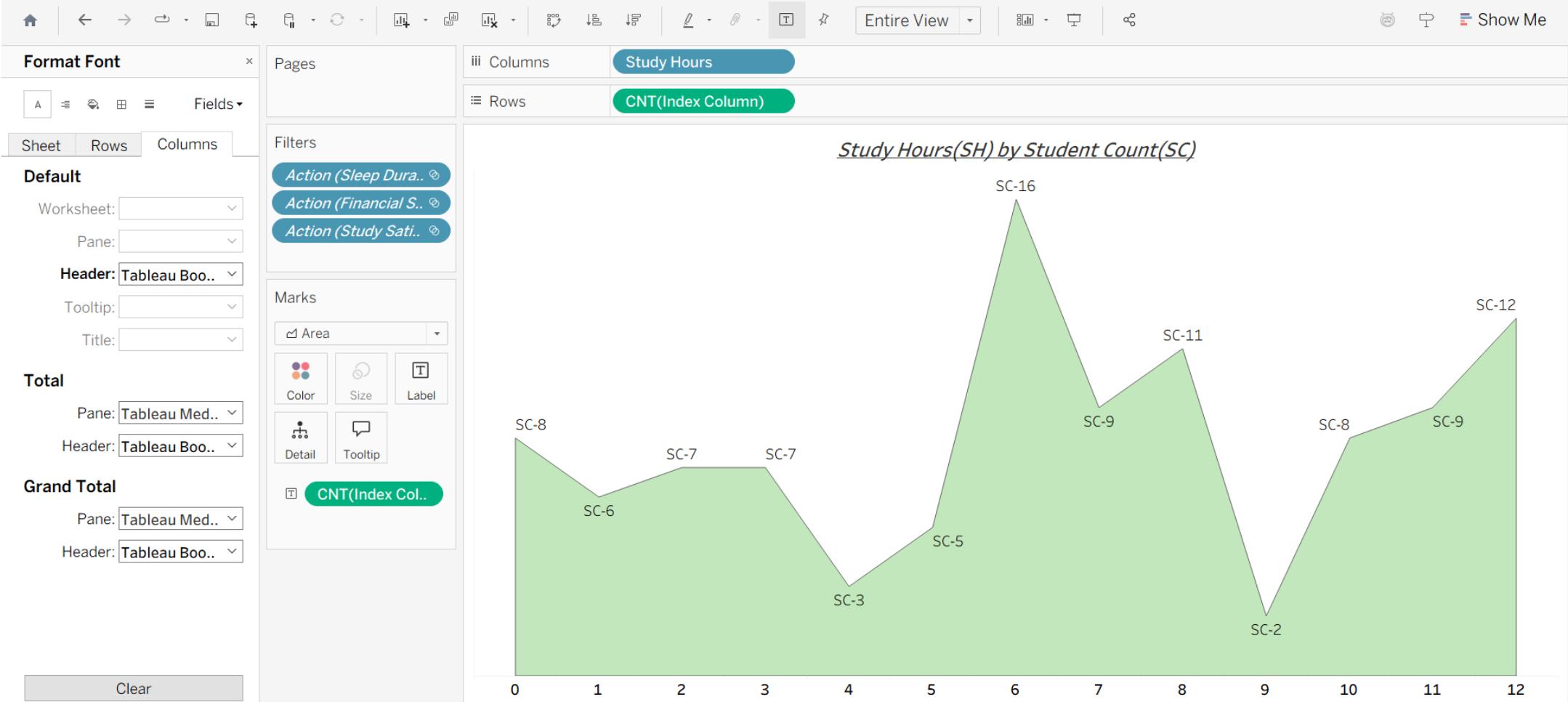


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00:22
29-01-2026

Type here to search





Data Source

AP&SC

FS&SC

SS&SC

SD&SC

SH&SC

Dashboard 1

13 marks 1 row by 13 columns SUM of CNT(Index Column): 103

Anubhav Srivas...

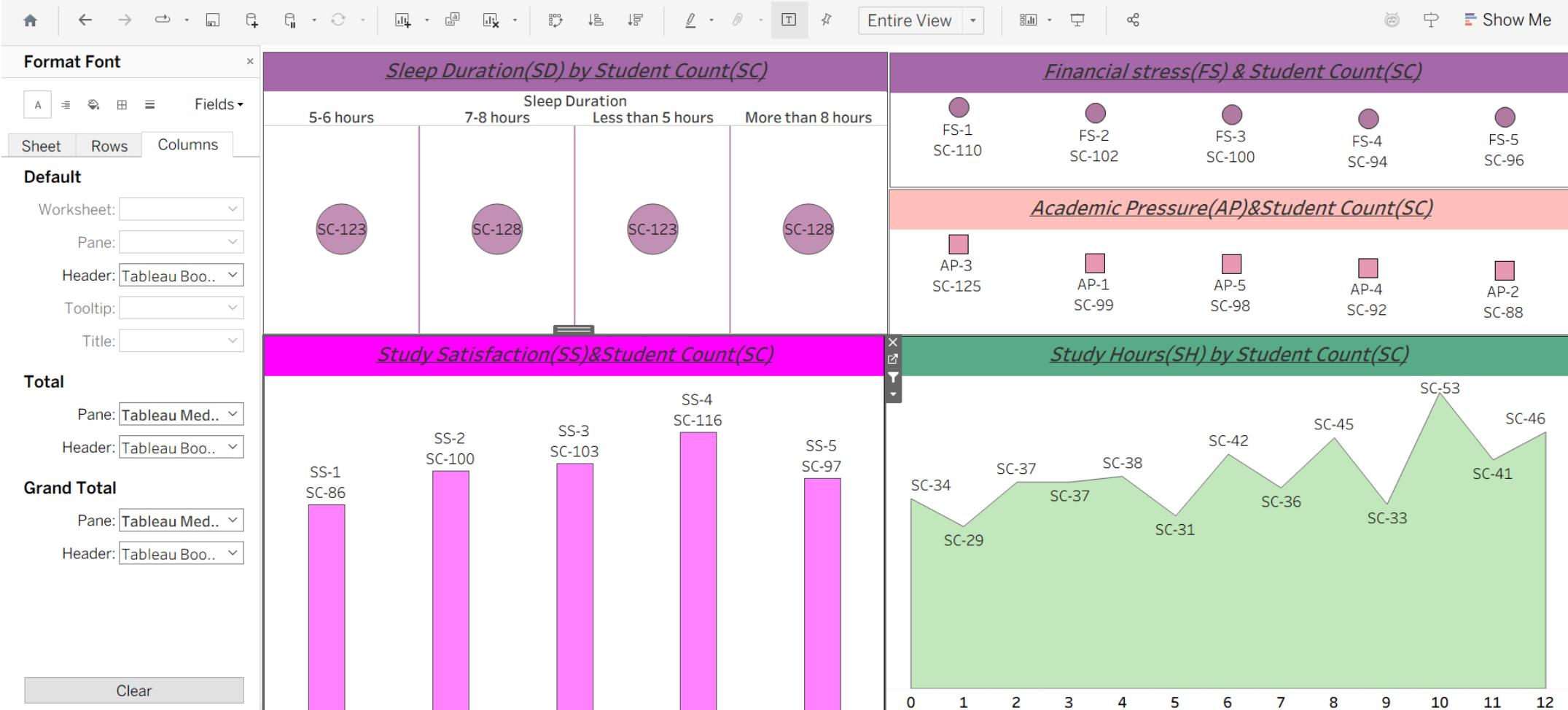
00:22

29-01-2026



Type here to search





Data Source

AP&SC

FS&SC

SS&SC

SD&SC

SH&SC

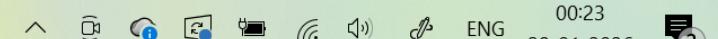
Dashboard 1

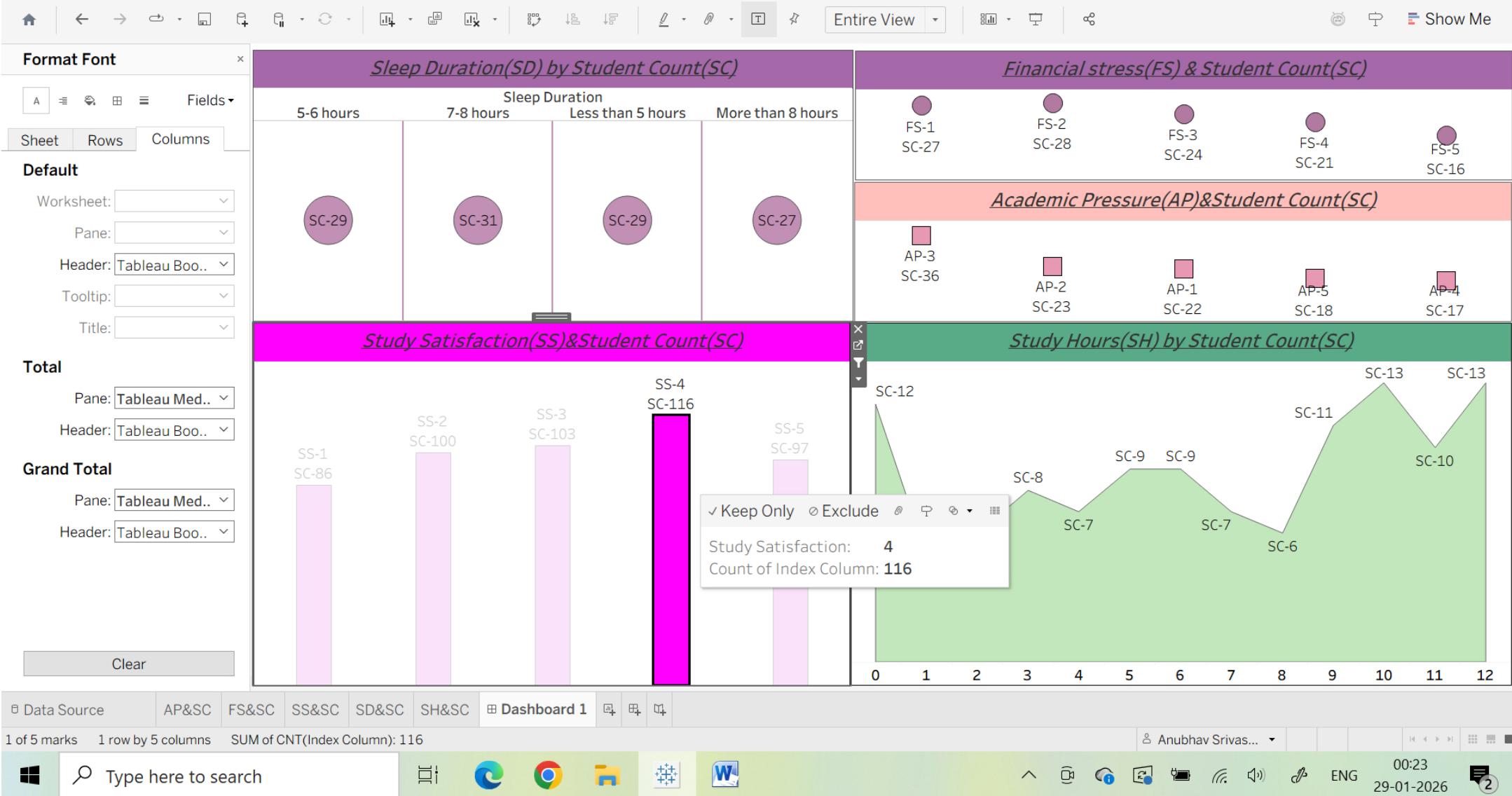
5 marks 1 row by 5 columns SUM of CNT(Index Column): 502

Anubhav Srivas...

00:23
29-01-2026

Type here to search





Format Font

Default

- Worksheet:
- Pane:
- Header: Tableau Boo..
- Tooltip:
- Title:

Total

- Pane: Tableau Med..
- Header: Tableau Boo..

Grand Total

- Pane: Tableau Med..
- Header: Tableau Boo..

Clear

Sleep Duration(SD) by Student Count(SC)

Sleep Duration

5-6 hours	7-8 hours	Less than 5 hours	More than 8 hours
SC-29	SC-31	SC-29	SC-27

Keep Only Exclude

Sleep Duration: 7-8 hours
Count of Index Column: 31

Financial stress(FS) & Student Count(SC)

FS-1 SC-6	FS-2 SC-12	FS-3 SC-5	FS-4 SC-6	FS-5 SC-2
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Academic Pressure(AP)&Student Count(SC)

AP-3 SC-9	AP-5 SC-6	AP-2 SC-6	AP-1 SC-6	AP-4 SC-4
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Study Satisfaction(SS)&Student Count(SC)

SS-1 SC-20	SS-2 SC-25	SS-3 SC-33	SS-4 SC-31	SS-5 SC-19
---------------	---------------	---------------	---------------	---------------

Study Hours(SH) by Student Count(SC)

1 of 4 marks 1 row by 4 columns SUM of CNT(Index Column): 31

Anubhav Srivas... ENG 00:23 29-01-2026

Type here to search