

Scenario Based Question Answers

Topic 1 –Solution

Create table and insert data

The screenshot shows the phpMyAdmin web interface in a browser. The address bar indicates the server is localhost:4430 and the database is 'student'. The table 'class' is selected. The interface shows a list of 10 rows of data. The columns are Enrollment Number, Student name, Section, Subject id, and Marks. The data is as follows:

Enrollment Number	Student name	Section	Subject id	Marks
1	Tim	A	1	70
2	Jim	A	2	75
3	Kim	B	3	65
4	Tom	B	4	77
5	John	C	5	60
6	Joe	C	1	82
7	James	B	2	76
8	Henry	C	5	68
9	Matt	B	3	71
10	Paul	A	4	79

The interface also shows a SQL query editor with the query `SELECT * FROM `class`;` and a table of options for the table 'class'.

2 Writing query

The screenshot shows the phpMyAdmin web interface in a browser window. The address bar indicates the URL is `localhost:4430/phpmyadmin/index.php?route=/table/sql&db=student&table=class`. The interface is for the 'student' database, specifically for the 'class' table.

On the left sidebar, the database structure is visible, showing a tree view with 'student' expanded and 'class' selected. The 'class' table has columns: Enrollment Number, Student name, Section, Subject id, and Marks.

The main area is titled 'Run SQL query/queries on table student.class:'. It contains a text input field with the following SQL query:

```
1 SELECT Section,COUNT(Section) FROM `class` WHERE Marks>=75 GROUP BY Section;
```

Below the query input, there are buttons for 'SELECT *', 'SELECT', 'INSERT', 'UPDATE', 'DELETE', 'Clear', 'Format', and 'Get auto-saved query'. There is also a checkbox for 'Bind parameters' and a 'Bookmark this SQL query:' field.

At the bottom, there are options for 'Delimiter' (set to semicolon), 'Show this query here again', 'Retain query box', 'Rollback when finished', and 'Enable foreign key checks' (checked). A 'Go' button is at the bottom right.

The Windows taskbar at the bottom shows the system clock as 9:02 PM on 10/3/2022, and the temperature as 32°C.

3-Expected Output

localhost:4430 / localhost:3308

localhost:4430/phpmyadmin/index.php?route=/table/sql&db=student&table=class

phpMyAdmin

Recent Favorites

New

ams

any

information_schema

mydb

mysql

performance_schema

phpmyadmin

root

student

- New
- class

test

Server: localhost:3308 » Database: student » Table: class

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Tracking

Triggers

Show query box

Showing rows 0 - 2 (3 total, Query took 0.1196 seconds.)

SELECT

 Section,COUNT(Section) FROM class WHERE Marks>=75 GROUP BY Section;

Profiling

 [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all

 Number of rows: 25 Filter rows: Search this table

+ Options

Section

COUNT(Section)

A2

B2

C1

Show all

 Number of rows: 25 Filter rows: Search this table

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

Bookmark this SQL query

Console

Let every user access this bookmark

32°C Smoke

9:00 PM 10/3/2022

Topic: Tableau

1. Add Table In Tableau

WhatsApp Gmail Academia

New Workbook

File Data Worksheet Dashboard Analysis Map Format Help

Publish As...

Motivational M... X

Publish to save your changes X

Show Me

Data Analytics

Sheet1 (test)

Search

Tables

- Emp name
- Id
- Measure Names
- Salary
- Sheet1 (Count)
- Measure Values

Parameters

- Id Parameter
- Profit Bin Size
- Top Customers

Columns

Rows

Id Emp name

Sheet 1

Id	Emp name	
10	Ravish	1,000
101	Suresh	20,000
1010	Priya	50,000
1101	Nitin	15,000
10101	Neha	70,000

Automatic

Colour Size Text

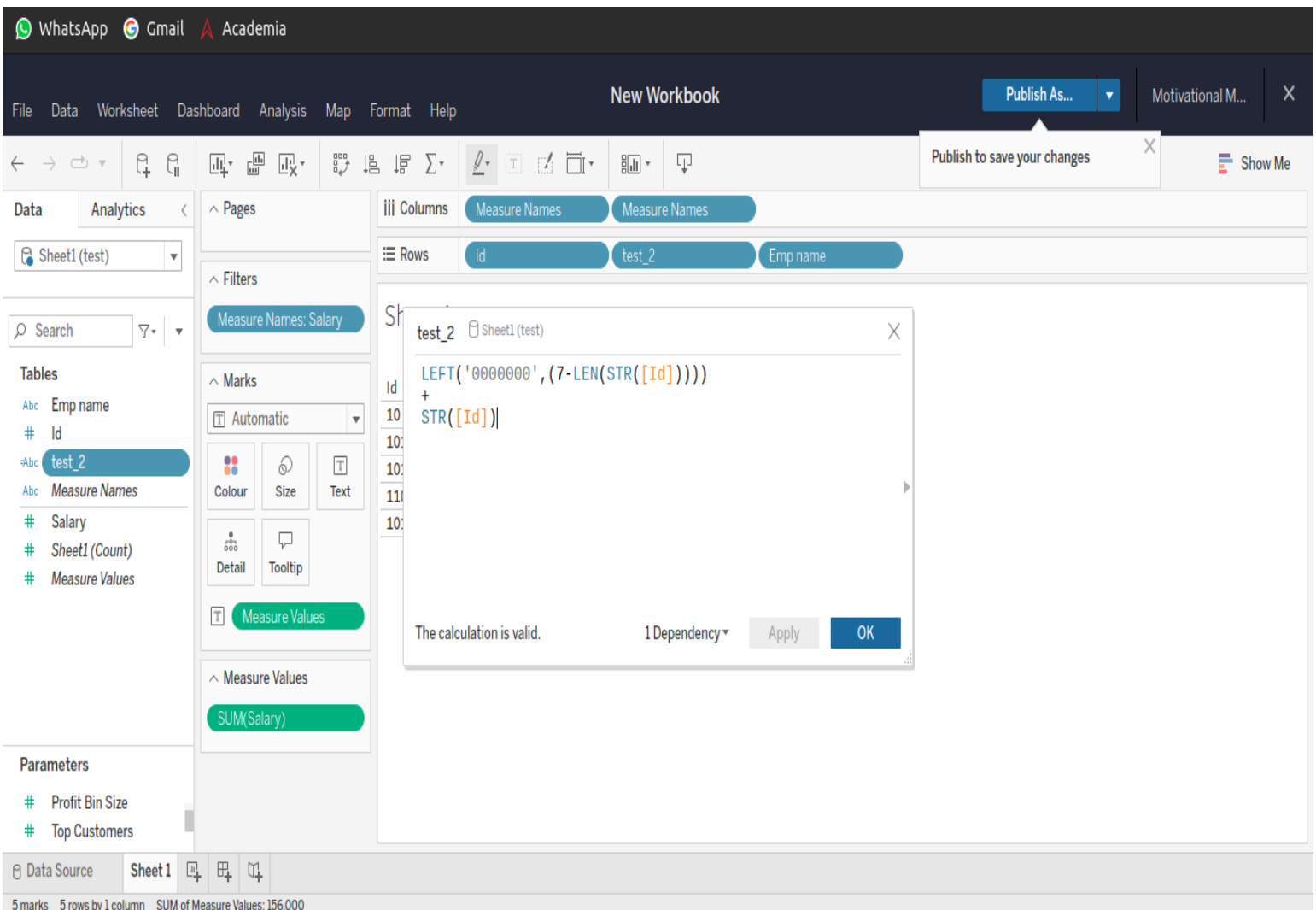
Detail Tooltip

SUM(Salary)

Data Source Sheet 1

1 of 5 marks 5 rows by 1 column SUM(Salary): 70,000

2. Formula to add 7 digits in Employee id.



WhatsApp Gmail Academia

New Workbook

File Data Worksheet Dashboard Analysis Map Format Help

Publish As... Motivational M... X

Publish to save your changes X Show Me

Data Analytics <

Sheet1 (test) ▾

Search 🔍 ▾

Tables

- Emp name
- Id
- test_2
- Measure Names
- Salary
- Sheet1 (Count)
- Measure Values

Parameters

- Profit Bin Size
- Top Customers

^ Pages

Filters

Measure Names: Salary

Marks

Automatic ▾

Colour Size Text

Detail Tooltip

T Measure Values

Measure Values

SUM(Salary)

Columns Measure Names Measure Names

Rows Id test_2 Emp name

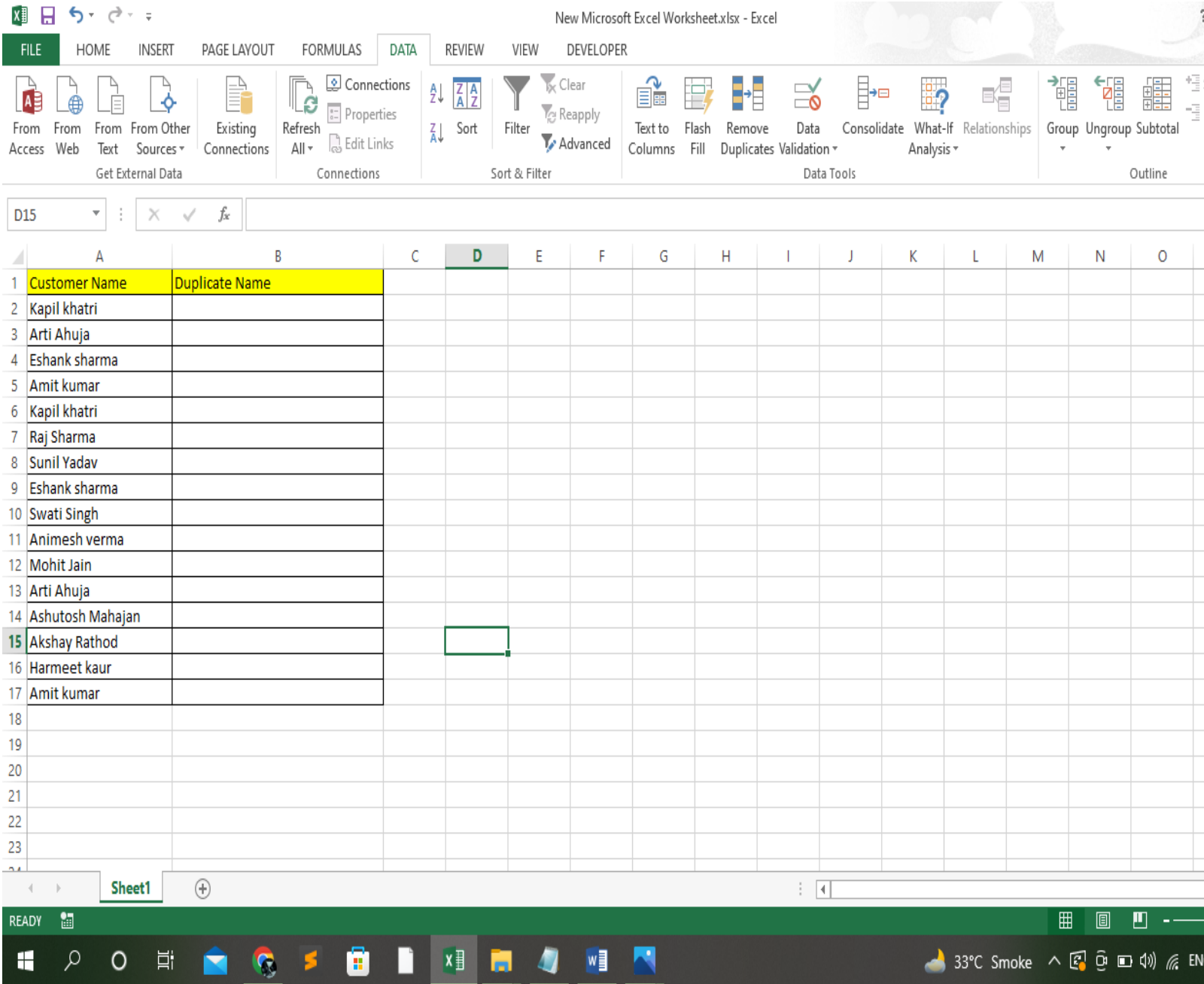
Sheet 1

			Salary
Id	test_2	Emp name	Salary
10	0000010	Ravish	1,000
101	0000101	Suresh	20,000
1010	0001010	Priya	50,000
1101	0001101	Nitin	15,000
10101	0010101	Neha	70,000

Data Source Sheet 1

5 marks 5 rows by 1 column SUM of Measure Values: 156,000

Topic-Excel



Expected Output

New Microsoft Excel Worksheet.xlsx - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW DEVELOPER

From Access From Web From Text From Other Sources Existing Connections Refresh All Properties Edit Links Connections Sort Filter Clear Reapply Advanced Text to Columns Flash Fill Remove Duplicates Data Validation Consolidate What-If Analysis Relationships Group Ungroup Subtotal Show Detail Hide Detail Outline

B2 : X ✓ fx =IF(COUNTIF(\$A\$2:\$A\$17,A2)>1,A2:A17,"")

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Customer Name	Duplicate Name															
2	Kapil khatri	Kapil khatri															
3	Arti Ahuja	Arti Ahuja															
4	Eshank sharma	Eshank sharma															
5	Amit kumar	Amit kumar															
6	Kapil khatri	Kapil khatri															
7	Raj Sharma																
8	Sunil Yadav																
9	Eshank sharma	Eshank sharma															
10	Swati Singh																
11	Animesh verma																
12	Mohit Jain																
13	Arti Ahuja	Arti Ahuja															
14	Ashutosh Mahajan																
15	Akshay Rathod																
16	Harmeet kaur																
17	Amit kumar	Amit kumar															
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Sheet1

READY 34°C Smoke 7:27 PM 10/4/2022

Topic: Machine Learning

As per your requirement i find the accuracy of the prediction is greater than 75%.

Kindly check below solution link.

<https://colab.research.google.com/drive/1N5XokSAJ7R6Am6GB4j-ScBLtHZZD5N0h?usp=sharing>