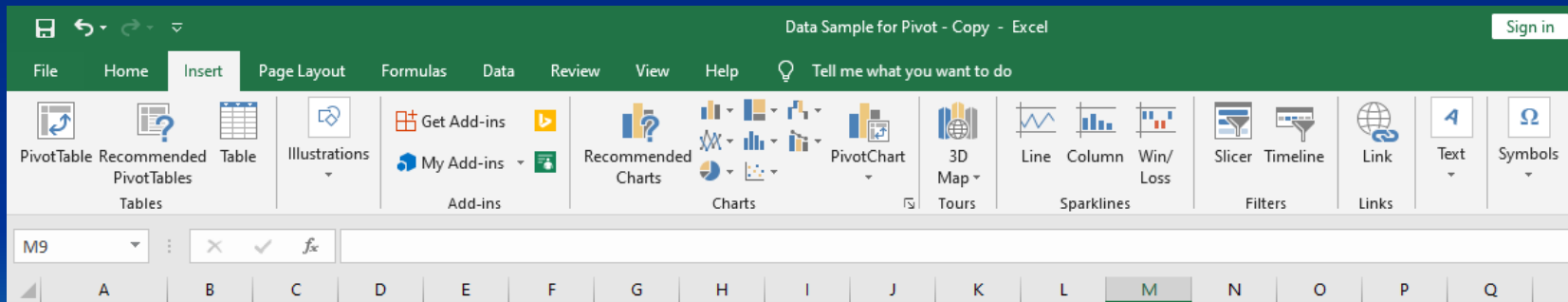


Research Methodology

(Specialization in
Practical Survey Method)

Pivot Calculation

- Go to Another Sheet
- Press INSERT
- Pivot Table Comment



[Sample Excel file for PIVOT](#)

Data Sample for Pi

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

PivotTable Recommended PivotTables Tables

Illustrations

Get Add-ins My Add-ins Add-ins

Recommended Charts Charts

PivotChart

G12

Create PivotTable

Choose the data that you want to analyze

☒ Select a table or range

Table/Range: Sheet1!\$A\$1:\$F\$151

☐ Use an external data source

Choose Connection...

Connection name:

☐ Use this workbook's Data Model

Choose where you want the PivotTable report to be placed

☒ New Worksheet

☐ Existing Worksheet

Location: Sheet1!\$G\$12

Choose whether you want to analyze multiple tables

☐ Add this data to the Data Model

OK Cancel

	A		F	G
1	Sr.		Port to	
2	1		Policy	
3	2		1	
4	3		2	
5	4		1	
6	5		2	
7	6		1	
8	7		1	
9	8		1	
10	9		1	
11	10		2	
12	11		1	
13	12		2	
14	13		2	
15	14	2	52	3
16	15	2	53	2
17	16	1	26	1
18	17	2	18	2
19	18	1	20	2
20	19	1	34	3
21	20	2	52	1
22	21	2	67	1

Sheet4 Sheet1 Sheet2 Sheet3

For Numeric Data

Data Sample for Pivot - Copy - Excel

File Home Insert Page Layout Formulas Data Review View Help **Analysis** Design Tell me Share

PivotTable Active Field Group Filter Data Actions Calculations Tools Show

A3

PivotTable3

To build a report, choose fields from the PivotTable Field List

PivotTable Fields

Choose fields to add to report:

Search

- ☐ Sr.
- ☐ Gender
- ☐ Age
- ☐ Region
- ☐ Education level
- ☐ Support to Policy

Drag fields between areas below:

Filters Columns

Rows Values

☐ Defer Layout Update Update

Data Sample for Pivot - Copy - Excel

File Home Insert Page Layout Formulas Data Review View Help **Analysis** Design Tell me Share

PivotTable Active Field Group Filter Data Actions Calculations Tools Show

A3

Sum of Age

PivotTable Fields

Choose fields to add to report:

Search

- ☐ Sr.
- ☐ Gender
- ☒ **Age**
- ☐ Region
- ☐ Education level
- ☐ Support to Policy

Drag fields between areas below:

Filters Columns

Rows Values

Sum of Age

☐ Defer Layout Update Update

Data Sample for Pivot - Copy - Excel
 Sign in

File Home Insert Page Layout Formulas Data Review View Help Analysis Tools Tell me Share

PivotTable Active Field Group Filter Data Actions Calculations Tools Show

A3 Sum of Age

	A	B	C
1			
2			
3	Sum of Age		
4	5819		
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			

PivotTable Fields

Choose fields to add to report:

Search

- ☐ Sr.
- ☐ Gender
- ☒ Age
- ☐ Region
- ☐ Education level
- ☐ Support to Policy

Drag fields between areas below:

Filters	Columns	Rows	Values
			Sum of Age

☐ Defer Layout Update Update

- Move Up
- Move Down
- Move to Beginning
- Move to End
- Move to Report Filter
- Move to Row Labels
- Move to Column Labels
- Move to Values
- Remove Field
- Value Field Settings...

Sum of Age



Value Field Settings

Source Name: Age

Custom Name: Sum of Age

Summarize Values By Show Values As

Summarize value field by

Choose the type of calculation that you want to use to summarize data from the selected field

- Sum
- Count
- Average
- Max
- Min
- Product
- Count Numbers
- StdDev
- StdDevp
- Var
- Varp

Number Format OK Cancel

For Nominal Data

File Home Insert Page Layout Formulas Data Review View Help Analysis Tools Tell me Share

PivotTable Active Field Group Filter Data Actions Calculations Tools Show

A3 Row Labels

Row Labels	Count of Gender
1	71
2	79
Grand Total	150

PivotTable Fields

Choose fields to add to report:

Search

- ☐ Sr.
- ☒ **Gender**
- ☐ Age
- ☐ Region
- ☐ Education level
- ☐ Support to Policy

Drag fields between areas below:

Filters	Columns
Rows	Values
Gender	Count of Gender

☐ Defer Layout Update Update

Data Sample for Pivot - Copy - Excel

PivotTable... Sign in

File Home Insert Page Layout Formulas Data Review View Help Analyze Design Tell me Share

PivotTable
 Active Field
 Group
 Insert Slicer
 Insert Timeline
 Filter Connections
 Refresh
 Change Data Source
 Actions
 Calculations
 Tools
 Show

Filter Data

A3

	A	B	C	D
1				
2				
3		Column Labels		
4			1 2	Grand Total
5	Count of Gender	71 79		150
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				

PivotTable Fields

Choose fields to add to report:

Search

- ☐ Sr.
- ☒ Gender
- ☐ Age
- ☐ Region
- ☐ Education level
- ☐ Support to Policy

Drag fields between areas below:

Filters
 Columns: Gender
 Rows
 Values: Count of Gender

☐ Defer Layout Update Update

PivotTable	
Row Labels	Count of Gender
1	71
2	79
Grand Total	150

PivotTable Fields

Choose fields to add to report:

Search

☐ Sr.
☒ Gender
☐ Age
☐ Region
☐ Education level
☐ Support to Policy

Drag fields between areas below:

Filters

Columns

Rows

Gender

Values

Count of Gender

Defer Layout Update

Update

Value Field Settings

Source Name: Gender

Custom Name: Count of Gender

Summarize Values By: Show Values As

Show values as

% of Grand Total

Base field:

Sr.
Gender
Age
Region
Education level
Support to Policy

Base item:

Number Format

OK

Cancel

Data Sample for Pivot - Copy - Excel

File Home Insert Page Lay Formula Data Review View He

PivotTable Active Field Group Insert Slicer Insert Timeline Filter Connections Refresh CH

Filter Da

B6 X ✓ fx 100%

	A	B	C	D
1				
2				
3	Row Labels	Count of Gender		
4	1	47.33%		
5	2	52.67%		
6	Grand Total	100.00%		
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				

Sheet4 ... + < >

	Variable 1 (Region)				
Variable 2 Gender		Lower	Middle	Upper	Total
	Male	XXX	XXX	XXX	
	Female	XXX	XXX	XXX	
	Total				

Cross Tabulation (count)

	Variable 1 (Region)				
Variable 2 Gender		Lower	Middle	Upper	Total
	Male	XX	XX	XX	71
	Female	XX	XX	XX	79
	Total	49	54	47	150

Data Sample for Pivot - Copy - Excel

PivotTable Tools: Analyze, Design, Tell me, Share

File Home Insert Page Layout Formulas Data Review View Help

PivotTable Active Field Group Insert Slicer Insert Timeline Filter Connections Refresh Change Data Source Actions Calculations PivotChart Recommended PivotTables Show Tools

C3

	A	B	C	D	E
1					
2					
3	Count of Gender	Column Labels			
4	Row Labels	1	2	3	Grand Total
5	1	27	20	24	71
6	2	22	34	23	79
7	Grand Total	49	54	47	150
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					

Sheet4 Sheet5

PivotTable Fields

Choose fields to add to report:

Search

- ☒ Gender
- ☐ Age
- ☒ Region
- ☐ Education level
- ☐ Support to Policy

More Tables...

Drag fields between areas below:

Filters

Columns

Region

Rows

Gender

Values

Count of Gender

Defer Layout Update

Update

100%

Cross Tabulation (% of Grand Total)

2					
3	Count of Gender	Column Labels			
4	Row Labels		1	2	3 Grand Total
5	1		27	20	24 71
6	2		22	34	23 79
7	Grand Total		49	54	47 150
8					

2					
3	Count of Gende	Column Labe			
4	Row Labels		1	2	3 Grand Total
5	1		18.00%	13.33%	16.00% 47.33%
6	2		14.67%	22.67%	15.33% 52.67%
7	Grand Total		32.67%	36.00%	31.33% 100.00%
8					

Cross Tabulation (% of Grand Total)

	Variable 1 (Region)				
Variable 2 Gender		Lower	Middle	Upper	Total
	Male	27	20	24	71
	Female	22	34	23	79
	Total	49	54	47	150

	Variable 1 (Region)				
Variable 2 Gender		Lower	Middle	Upper	Total
	Male	27 /150*100	20 /150*100	24/ 150*100	71 /150*100
	Female	22 /150*100	34 /150*100	23 /150*100	79 /150*100
	Total	49 /150*100	54 /150*100	47 /150*100	150 /150*100

Interpretation

In the LOWER region, 18% of all the MEN lived.

In the MIDDLE part, 22% of all the WOMEN lived.

Cross Tabulation (% of Column Total)

2						
3	Count of Gender	Column Labels				
4	Row Labels		1	2	3	Grand Total
5	1		55.10%	37.04%	51.06%	47.33%
6	2		44.90%	62.96%	48.94%	52.67%
7	Grand Total		100.00%	100.00%	100.00%	100.00%
8						

Cross Tabulation (% of Column Total)

	Variable 1 (Region)				
Variable 2 Gender		Lower	Middle	Upper	Total
	Male	27	20	24	71
	Female	22	34	23	79
	Total	49	54	47	150

	Variable 1 (Region)				
Variable 2 Gender		Lower	Middle	Upper	Total
	Male	27 /49*100			71 /150*100
	Female	22 /49*100			79 /150*00
	Total	49 /49*100			150 /150*100

Interpretation

In the LOWER region, 44% were MEN.

In the MIDDLE region, 63% were WOMEN.