Click on cell I5, the function used to determine the number of full-time employees (FT) is as follows:  $f_X$ =COUNTIFS(B4:B33,"FT")

## Answer 4:

Statistics Number of FT employees

=COUNTIFS (B4:B33, "FT")

Click on cell I6 and insert the following formula to determine the average salary of all full-time employees in accounting number format: f =AVERAGEIFS(\$D\$4:\$D\$33,\$B\$4:\$B\$33,"FT")

**Employee Withholdings** 7276 \$90,212.00 \$ 500.00 5,814,84 Statistics Number of FT employees 9858 \$18,984.00 \$ 250.00 699.20 67,760.77 8916 FT \$42,906.00 \$ 500.00 2,503.42 Average salary Full time 2,103.37 The formula is: =AVERAGEIFS (\$D\$4:\$D\$33, \$B\$4:\$B\$33, "FT")

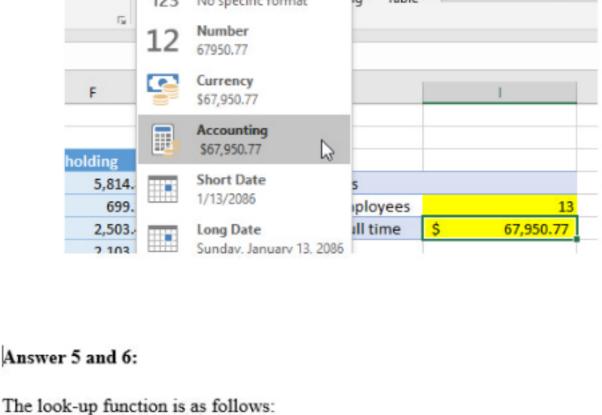
Bad

Expl

The accounting number format can be added as follows: Click on the result obtained after applying the formula.

Go to Home and apply the Accounting format as follows:

- Normal
- nal Format as Check Cell General Center \* ig \* Table \* No specific format



# Apply the lookup function by taking the lookup value as C4. The row and column of C4 are

₩ - åb Wrap Tr

not fixed because the formula has to be applied for C5, C6.....upto C33.

=IFERROR(VLOOKUP(C4,\$H\$13:\$I\$17,2,FALSE),500)

the values do not get changed on auto-filling.

The values are referenced from the table in the range \$H\$13:\$I\$17, the range is fixed so that

According to the question, the maximum deduction must be \$500, so the IFERROR condition is applied. The values are auto-filled. The values after auto-filling are as follows:

The deduction amount is looked up in 2nd column. The true match is looked for so, FALSE.

- ● Merge Alignment 13:\$I\$17,2,FALSE),50
- e Withholdings Deduction Wi \$ 500.00 \$ 250.00 s 500.00 \$ 500.00 \$ 125.00 500.00 50.00 \$ 325.00 \$ 500.00 \$ Ś 500.00 \$ Ś 500.00 \$ S \$ 125.00 \$ \$ 125.00 \$ \$ 50.00 \$ 250.00 \$ \$ 125.00 \$ \$ 500.00 \$ 500.00 \$ \$ 500.00 \$ \$ 500.00 \$ 125.00 \$ 500.00 \$ 125.00 500.00 \$ \$ 125.00 500.00 \$ \$ 50.00 \$ S 500.00 \$ \$ 500.00 \$ \$ \$ 50.00 \$

The values in column F are as follows:

The accounting number format is already applied on the above range in the same way as before

### Wrap Text

35

Merge & Center

Γ'n

F

Answer 7:

Number 5814.84 04-E4)

¥

The formula for calculating the employee FICA withholding is as follows:

=IF(AND(B4="FT",C4>=1),0.07\*D4-E4,0.05\*D4-E4)

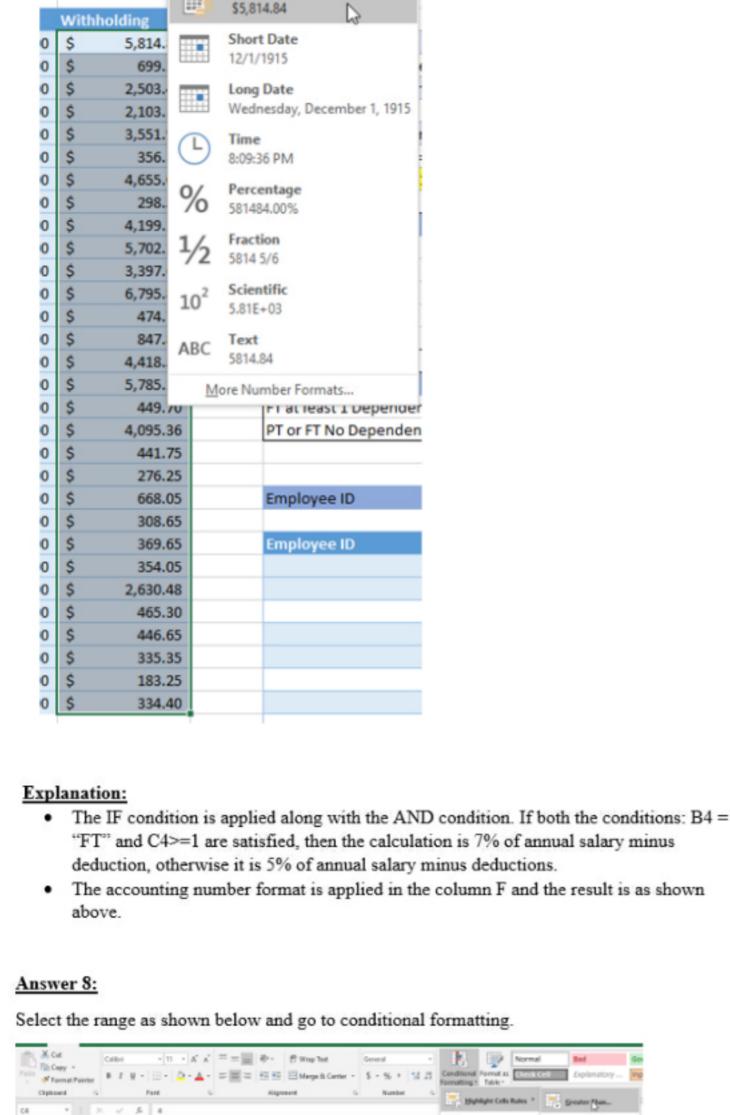
General

Currency

\$5,814.84

Accounting

No specific format



#### FT 8936 4772 FT

5803

8706

**E164** FT

4338

5833

2559

8708

5565

6142

8164

FT

PT

PT

FT

1

1

0

2

308.65 4990 \$9,893.00 125.00 305.65 4783 \$17,081.00 500.00 354.05 \$29,364.00 125.00 \$19,306.00 500.00 465.30 4676 \$9,933.00 50.00 446.65 4251 \$16,707.00 500.00 335.35

\$10,212.00

\$42,906.00

\$17,191.00

\$12,528.00

\$94,101.00

\$12,471.00

\$67,132.00

\$15,680.00

\$16,869.00

\$11,994.00

\$17,957.00

\$66,693.00

\$84,432.00

\$18,994.00

\$18,835.00

\$15,525.00

\$15,861.00

250.00

500.00

500.00

125.00

500.00

50.00

325.00

500.00 500.00

500.00

125.00

125.00

50.00

250.00

125.00

500.00

500.00

500.00

125.00

699.20

2,503.42

2,103.37

3,551.96

4,655.05

298.55

5,702.28

3,397.60

6,795.83

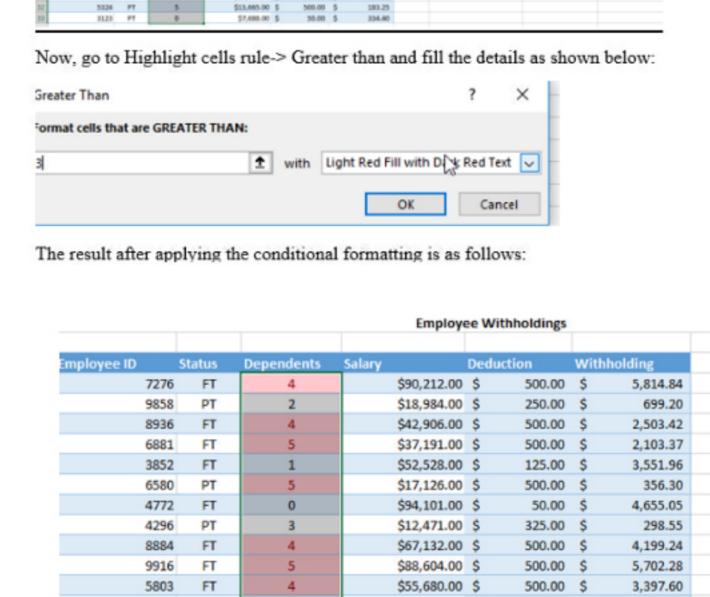
4,418.51

5,785.24

445.70

441.75

276-25



Highlight Cells Rules 3 \_\_\_\_\_ Greater Flori.

Setween...

Equal To...

Text that Contains...

\* Bate Occurring...

Duplicate Values.

♡

125.00

250.00

325.00

100.00

In Jop/Sotton Rales

Data Bars

Color Scales

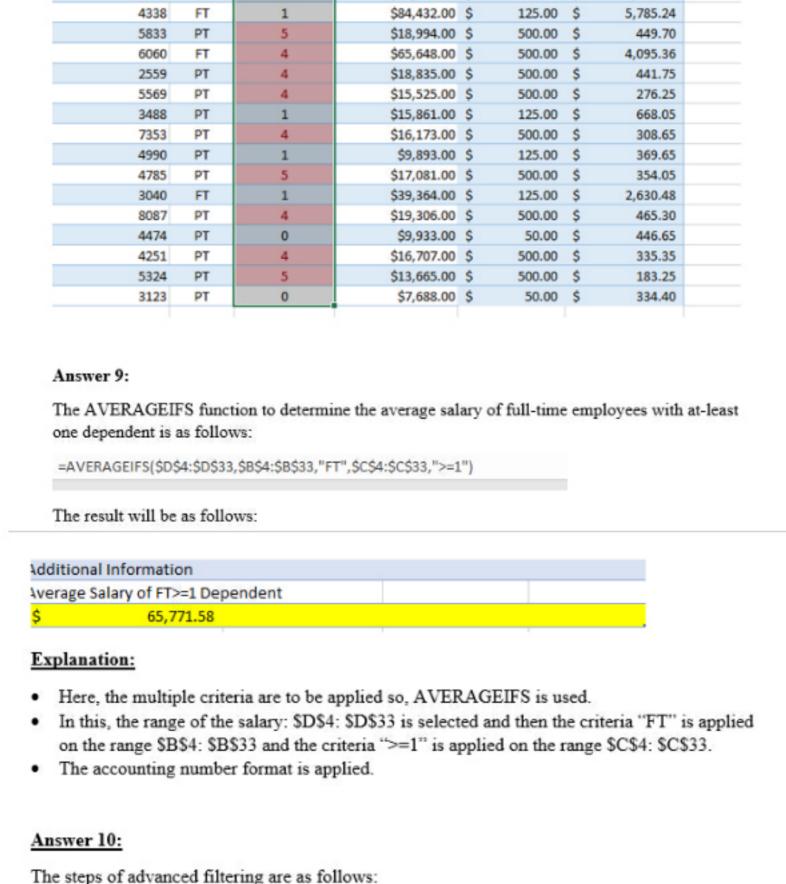
Jon Sets

Addition 🖽 Bry Rvin.

Average (S Clear Bules

IT at least 1 Dependent

\$ Dianage (Life)



\$98,869.00 \$

\$11,994.00 \$

\$17,957.00 \$

\$66,693.00 \$

125.00 \$

\$

\$

\$

125.00

50.00

250.00

6,795.83

474.70

847.85

Power Pivot

Text to

Columns

5 Clear

Add-ins

A Z A Z

Z | Sort

Deduction

500.00 \$

500.00 \$

Ś

500.00

125.00

500.00

500.00

125.00

125.00

250.00 \$

500.00 \$

125.00 \$

\$42,906.00 \$

\$37,191.00 \$

\$52,528.00 \$

\$67,132.00 \$

\$88,604.00 \$

\$55,680.00 \$

\$98,869.00 \$

\$66,693.00 \$

\$84,432.00 \$

\$65,648.00 \$

\$39,364.00 \$

Withholding

5,814.84

2,503.42

2,103.37

3,551.96

4,199.24

5,702.28

3,397.60

6,795.83

4,418.51

5,785.24

4,095.36

2,630.48

4,418.51

#### Get From From From Table/ Jata \* Text/CSV Web Get & Transform Data Now, apply the ranges as follows:

List range:

Employee ID

Go to Data->Advanced

Copy to another location

SAS3:SFS33

Status

8936

6881

3852

8884

9916

5803

8708

8164

6060

3040

FT

Page Layout

Recent

Home

File

X Advanced Filter Action Filter the list, in-place

Refresh

All =

Existing

Connections

Criteria range: 1 SH\$24:SM\$25 1 Copy to: Sheet1!\$H\$26 Unique records only Cancel The result is as follows:

1

5

1

2

4

Queries & Connections

Queries & Connections

			Employe	u Withholdings											
10 5	failus .	Dependents	Salary	Daviduc Vices	Withhe	Affice									
7176	FT	4	990,212:00			5,814.84	Statistics								
9656	PT	2	\$18,984.00	\$ 250,80	5	615.20	Number of FT employees		13						
2556	FT	4	\$43,906.00	\$ 500,00	5	2,509.42	Average calary full time	5	67,990.37						
6881	FT	5	\$37,111.00	\$ 500,00	5	2,100.37									
3852	FT	1	552,526.00	\$ 125,00	5	3,553.56	Additional Information								
6580	PT	5	\$17,136.00	\$ 500,00	5	236.30	Average Salary of FT 1 De	pender	est						
4772	FT	0	594,101.00	\$ 50,00	5	4,435.05	\$ 65,771.56								
4296	PT	3	\$12,471.00		5	216.55									
8884	FT	4	\$67,112.00		_	4,119.34	Dependents	Deduc	ction						
9916	FT		\$86,604.00		-	5,700.38	0	5	50.00						
5803	FT	4	\$55,680.00		_	3,397.60	1	4	125.00						
8796	FT	1	\$10,000.00		-	6,795.83		4	299.00						
5065	91	1	511,994.00		-	474.70	1	4	325.00						
6182	PT		\$17,957.00			847.85	4	4	500.00						
8054	FT	2	565,613.00	5 250,00	-	4,418.51		_							
4336	FT	1	\$84,412.00		_	5,785.28	FICA Withholdings								
5633	91	3	\$18,994.00		-	449.70	FT at least 1 Dependent	_	7%						
6060	FT	- 1	\$65,648.00	\$ 500,00		4,015.36	PT or FT No Dependents		5%						
2559	PT	- 1	\$18,815.00	5 300,00	_	443.75	Control of the preparation of								
5060	PT	- 1	\$15,525.00		_	279.25									
3456	PT	- 1	\$13,841.00	\$ 129,00	_	868.05	(mployee ID	Status		Dependents	Salary	Deduction		Withold	ne.
7253	PT		\$16,173.00			306.45	and other so	FT		3ed		-		-	
4590	PT	1	\$1,810.00	\$ 125,00	_	365.65	(mployee ID	Matter		Dependents	Salary	Deductio		Withheld	
4795	PT		\$17,081.00			254.05	723		FT	4	990,212,00		80.00	6	5,010
3040	FT	-	539,364.00	\$ 125,00		2,630.48	8130		FT	- 1	\$42,966.00		80.00		2,503
8087	PT	- 1	\$35,306.00		-	465.30	510		FT		\$17,191.00		80.00	·	2,103.
4676	PT	-	\$9,913.00	\$ 50.00		446.45	385		FT	-	\$12,128.00		25.00	4	3,511.7
4251	PT	- 1	\$16,707.00	\$ 500,00	-	315.35	816		FT	- :	\$87,132.00		80.00	-	4.199.
5024	PT		\$13,665.00	\$ 300,00	_	183-25	213		FT		588,664.00		80.00		5,702
3123	PT	-	\$7,688.00			314.40	510		FT		\$15,680.00		80.00	6	3,762
8328	9-1		31,466.00	3 30,00	2	JIC. O.	580 870		FT	-			25.00		
							836		FT		\$16,865.00		50.00	4	6,795
											586,893.00			2	4,418.
							413		FT		\$84,432.00		25.00		5,785
							500		FT	4	\$85,548.00 \$29,364.00		25.00	3	2,630