



Some Excel Support

Working out TOTAL REVENUE PER PHONE

TOTAL REVENUE PER PHONE =
The cost of mobile phone MULTIPLY the No purchased

Phones Your Way Budget Spreadsheet

Revenue (Incoming costs) for Phones Your Way

Date of transaction	Mobile Phone	Model	Cost	No purchased	Total Revenue
April 2011	iPhone 4 S	Apple	£254.00	1400	=E5*G5
April 2011	Galaxy s ii	Samsung	£59.99	670	

Lets look closely, here the cost of the phone is in **CELL E5**, we need to multiply this with the No purchased in cell **G5**. In cell **H6**, we will enter the following formula **=E5*G5**

Outgo

Date of	Cost	No purchased	Total Revenue
May 2011			
May 2011			
April 2011	£254.00	1400	=E5*G5
April 2011			
May 2011	£59.99	670	

Working out **TOTAL REVENUE**

TOTAL REVENUE =
The cost of mobile phone ADDED TOGETHER

Phones Your Way Budget

Revenue (Incoming costs) for Phones Your Way

Date of transaction	Mobile Phone	Model	Cost	Total Revenue
100	Apple		£254.00	£355,600.00
70	Samsung		£59.99	£40,193.30
120	Blackberry		£189.99	£22,798.80
420	HTC		£39.99	£216,745.80
120	Nokia		£9.99	£41,158.80
42	Sony Ericsson		£139.99	£89,873.58
502	LG		£139.99	£630,234.98
2432	Alcatel		£4.99	£62,035.68
Total Revenue				=sum(H5:H12)

Lets look closely, we need to add all of the cells together within the cells **H5 to H12**. In a formula this is represented by the : in cell **H13** type in **=SUM(H5:H12)**

Working out PROFIT/LOSS

PROFIT/LOSS=

How much money is left over after the revenue has been generated and the outgoing costs has been taken out

	A	B
1	Phones Your Way Bu	
2		
3	Revenue (Incoming costs) fo	

Model	Cost	No purchased	Total Revenue Per Phone
Apple	£254.00	1400	£355,600.00
Samsung	£59.99	670	£40,193.30
Blackberry	£189.99	120	£22,798.80
HTC	£39.99	5420	£216,745.80
Nokia	£9.99	4120	£41,158.80
Sony Ericsson	£139.99	642	£89,873.58
LG	£139.99	4502	£630,234.98
Alcatel	£4.99	12432	£62,035.68
Total Revenue			£1,458,640.94

Cost		Revenue Per Phone
£254.00	1400	0
£59.99	670	
£189.99	120	
£39.99	5420	0
£9.99	4120	
£139.99	642	
£139.99	4502	8
£4.99	12432	
Total Revenue		458,640.94

Cost
£68.00
£125,000.00
£240.00
£129,000.00
£300.00
cost £254,608.00

Profit/Loss =H13-D21

Profit/Loss =H13-D21



Lets look closely, we need to take the cell that contains the **total revenue (Cell H13)** by the **total outgoing (cell D21) =H13-D21**

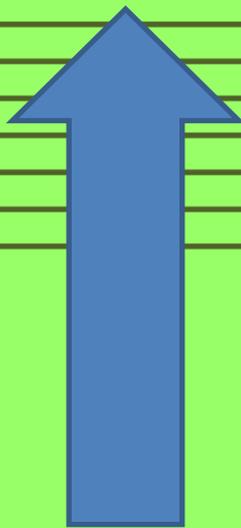
Working out VAT for each Phone

VAT for each phone

VAT is applied on all goods which is currently set at 17.5%. (in cell C26) You will use a function to calculate how much.

for Phones Your Way

Mobile Phone	Model	Cost	VAT new cost	No p	VAT new cost	No p
iPhone 4 S	Apple	£254.00	$=(E5*C26)+E5$	1400	$=(E5*C26)+E5$	1400
Galaxy s ii	Samsung	£59.99		670		670
Torch 9810	Blackberry	£189.99		120		120
Sensation XE	HTC	£39.99		5420		5420
C3 White	Nokia	£9.99		4120		4120
Xperia White	Sony Ericsson	£139.99		642		642
Viewty Snap	LG	£139.99		4502		4502
OT-802	Alcatel	£4.99		12432		12432



Item description	Cost
Website hosting	£68.00
Staff wages	£125,000.00
Stationery	£240.00
Postage	£129,000.00
Licence cover	£300.00

Total outg

Lets look closely, we need to use the VAT rate in cell **C26** and multiply this by the cost of the phone ($E5*C26$) we then need to add this to the phone. Therefore we need to apply 2 calculations $=(E5*C26)+E5$

17.5%

Working out the Maximum revenue

We want to know what the maximum revenue for the total revenue (between cells H5 and H12)

Revenue (Incoming costs) for Phones Your Way

Date of transaction	Mobile Phone	Model	Cost	VAT new cost	No purchased	Total Revenue Per Phone
April 2011	iPhone 4 S	Apple	£254.00	£298.45	1400	£417,830.00
April 2011	Galaxy s ii	Samsung	£59.99	£70.49	670	£47,227.13
May 2011	Torch 9810	Blackberry	£189.99	£223.24	120	£26,788.59
April 2011	Sensation XE	HTC	£39.99	£46.99	5420	£254,676.32
May 2011	C3 White	Nokia	£9.99	£11.74	4120	£48,361.59
May 2011	Xperia White	Sony Ericsson	£139.99	£164.49	642	£105,601.46
March 2011	Viewty Snap	LG	£139.99	£164.49	4502	£740,526.10
March 2011	OT-802	Alcatel	£4.99	£5.86	12432	£72,891.92
Total Revenue						£1,713,903.10

Outgoing

Date of transaction	Category	Cost
May 2011	Stationery	£240.00
May 2011	Postage	£129,000.00
May 2011	Licence	£300.00
Total outgoing cost		£254,608.00

Lets look closely, we need to let Excel know that we want a maximum, this will be used as **MAX**. The cell range is H5 to H12. The formula to be used is **=MAX(H5:H12)**

Profit/Loss £1,459,295.10

Maximum Revenue for each total revenue	=MAX(H5:H12)
Minimum Revenue for each total revenue	
Average cost per DVD	
VAT	17.5%

Working out the Minimum revenue

We want to know what the minimum revenue for the total revenue (between cells H5 and H12)

Revenue (Incoming costs) for Phones Your Way

Date of transaction	Mobile Phone	Model	Cost	VAT new cost	No purchased	Total Revenue Per Phone
April 2011	iPhone 4 S	Apple	£254.00	£298.45	1400	£417,830.00
April 2011	Galaxy s ii	Samsung	£59.99	£70.49	670	£47,227.13
May 2011	Torch 9810	Blackberry	£189.99	£223.24	120	£26,788.59
April 2011	Sensation XE	HTC	£39.99	£46.99	5420	£254,676.32
May 2011	C3 White	Nokia	£9.99	£11.74	4120	£48,361.59
May 2011	Xperia White	Sony Ericsson	£139.99	£164.49	642	£105,601.46
March 2011	Viewty Snap	LG	£139.99	£164.49	4502	£740,526.10
March 2011	OT_802	Alcatel	£4.99	£5.86	12432	£72,891.92
Total Revenue						£1,713,903.10



Lets look closely, we need to let Excel know that we want a minimum, this will be used as **MIN**. The cell range is H5 to H12. The formula to be used is **=MIN(H5:H12)**

Outgo

Date of t		
May 2011		
May 2011		
April 2011	Stationery	£240.00
April 2011	Postage	£129,000.00
May 2011	Licence of	£300.00
	Outgoing cost	£254,608.00

Profit/Loss £1,459,295.10

Maximum Revenue for each total revenue	£740,526.10
Minimum Revenue for each total revenue	=MIN(H5:H12)
Average cost per DVD	
VAT	17.5%

Working out the Average revenue

We want to know what the average revenue for the total revenue (between cells H5 and H12)

Revenue (Incoming costs) for Phones Your Way						
Date of transaction	Mobile Phone	Model	Cost	VAT new cost	No purchased	Total Revenue Per Phone
April 2011	iPhone 4 S	Apple	£254.00	£298.45	1400	£417,830.00
April 2011	Galaxy s ii	Samsung	£59.99	£70.49	670	£47,227.13
May 2011	Torch 9810	Blackberry	£189.99	£223.24	120	£26,788.59
April 2011	Sensation XE	HTC	£39.99	£46.99	5420	£254,676.32
May 2011	C3 White	Nokia	£9.99	£11.74	4120	£48,361.59
May 2011	Xperia White	Sony Ericsson	£139.99	£164.49	642	£105,601.46
March 2011	Viewty Snap	LG	£139.99	£164.49	4502	£740,526.10
March 2011					12432	£72,891.92
Total Revenue						£1,713,903.10

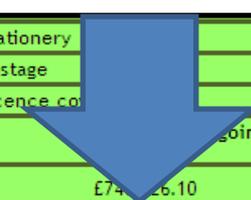
Outgo			
Date of t			
May 2011			
May 2011			
April 2011	Stationery		£240.00
April 2011	Postage		£129,000.00
May 2011	Licence.co		£300.00
Incoming cost			£254,608.00

Maximum Revenue for each total revenue	£740,526.10
Minimum Revenue for each total revenue	£26,788.59
Average cost per DVD	=AVERAGE(H5:H12)
VAT	17.5%

Profit/Loss	£1,459,295.10
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Lets look closely, we need to let Excel know that we want a average, this will be used as **AVERAGE**. The cell range is H5 to H12. The formula to be used is **=AVERAGE(H5:H12)**



Using the IF function

Want to work out whether an item is worth it or not depending on the cost?

	A	B	C	D	E	F	G	H	I
4	Revenue (Incoming costs) for Phones Your Way								
5	Date of transaction	DVD Title	Genre	Cost	No purchased	Total Revenue			
6	April 2011	The Social Network	Drama	£7.99	1400	£11,186.00	=IF(D6<5,"Cheap","Not Cheap")		
7	April 2011	Jackass	Comedy	£7.99	670	£5,353.30			
8	May 2011	Shrek 2	Children	£4.99	120	£598.80			
9	April 2011	Due Date	Comedy	£7.99	5420	£43,305.80			
10	May 2011	Tron Legacy	Action	£7.99	4120	£32,918.80			
11	May 2011	Flushed Away	Children	£4.99	642	£3,203.58			
12	March 2011	Heroes Season 1	TV Box set	£13.99	4502	£62,982.98			
13	March 2011	Harry Potter and the Prisoner of...	Children	£7.99	12432	£99,331.68			
14									
15	Outgoing costs								
16	Date of transaction	Item description							
17	May 2011	Website hostine							
18	May 2011	Staff wages							
19	April 2011	Stationery							
20	April 2011	Postage							
21	May 2011	Licence cover							
22		Total outgoing cost							
23									
24	Maximum Revenue for each total reve	£99,331.68							
25	Minimum Revenue for each total revenue	£598.80							
26	Average cost per DVD	£32,360.12							
27	VAT	17.5%							
28									

Lets look closely, we need to let Excel know that we want to do a function, In this case it is the **IF** function. You can check to see if **column D** and the corresponding row is **less than 5**, if it is then the output in **column G** will be **Cheap** and if not then it will **Not Cheap**. =IF(D6<5,"Cheap","Not Cheap")

Using Conditional Formatting

Want to make a certain section stand out if it is a certain value. We can use conditional formatting.

Conditional Formatting

Highlight Cells Rules >

Less Than...

Format cells that are LESS THAN:

1000 with Light Red Fill with Dark Red Text

OK Cancel

Date of transaction	DVD Title	Genre	Cost	No purchased	Total Revenue
April 2011	The Social Network	Drama	£7.99	1400	£11,186.00
April 2011	Jackass	Comedy	£7.99	670	£5,353.30
May 2011	Shrek 2	Children	£4.99	120	£598.80
April 2011	Due Date	Comedy	£7.99	5420	£43,305.80
May 2011	Tron Legacy	Action	£7.99	4120	£32,918.80
May 2011	Flushed Away	Children	£4.99	642	£3,203.58
March 2011	Heroes Season 1	TV Box set	£13.99	4502	£62,982.98
March 2011	Harry Potter and the Prisoner of...	Children	£7.99	12432	£99,331.68
Total out					
Maximum Revenue for each total revenue	£99,331.68				
Minimum Revenue for each total revenue	£598.80				
Average cost per DVD	£32,360.12				
VAT	17.5%				

Lets look closely, we need excel conditional formatting options. Click **Highlight Cell Rules** → **Less Than** and then **enter a value**, in this case **1000** and then choose a fill colour, I have chosen **red**.