

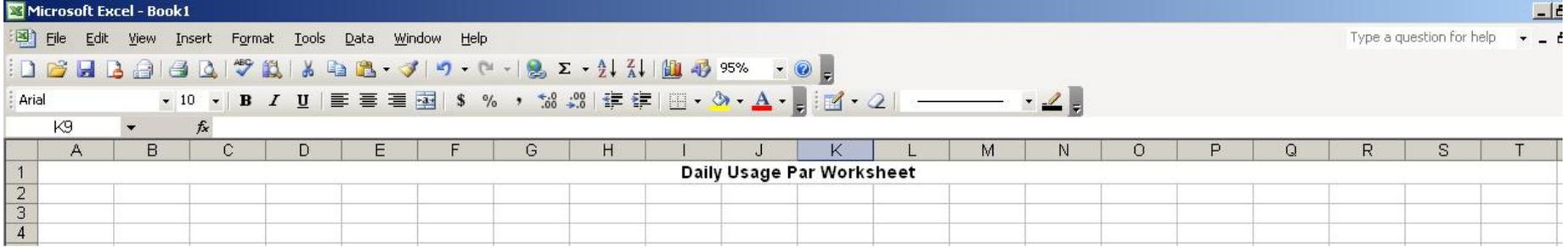
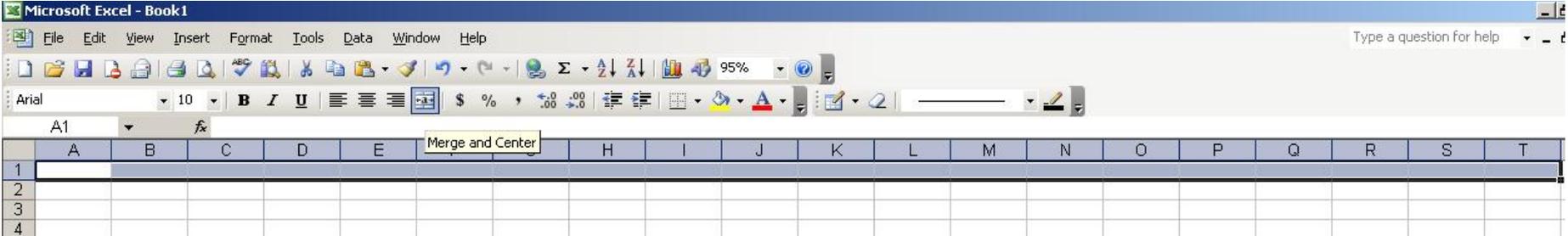
Daily Usage Par

May 15, 2009

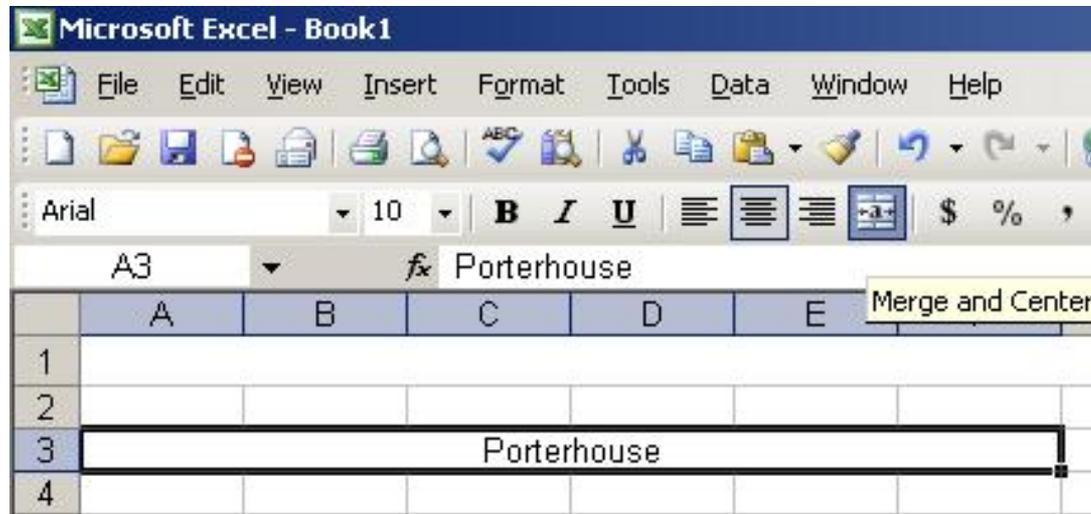
Why is Daily Usage Par?

- Many ordering spreadsheets require that we have the amount of food items such as steaks and bread that are consumed daily.
- By using a spreadsheet, we can have the computer do the majority of the typing.
- We will use a Par Purchasing spreadsheet layout presented by Robert A. Ulm in chapter 6 of his textbook, *How Much to Buy*¹.

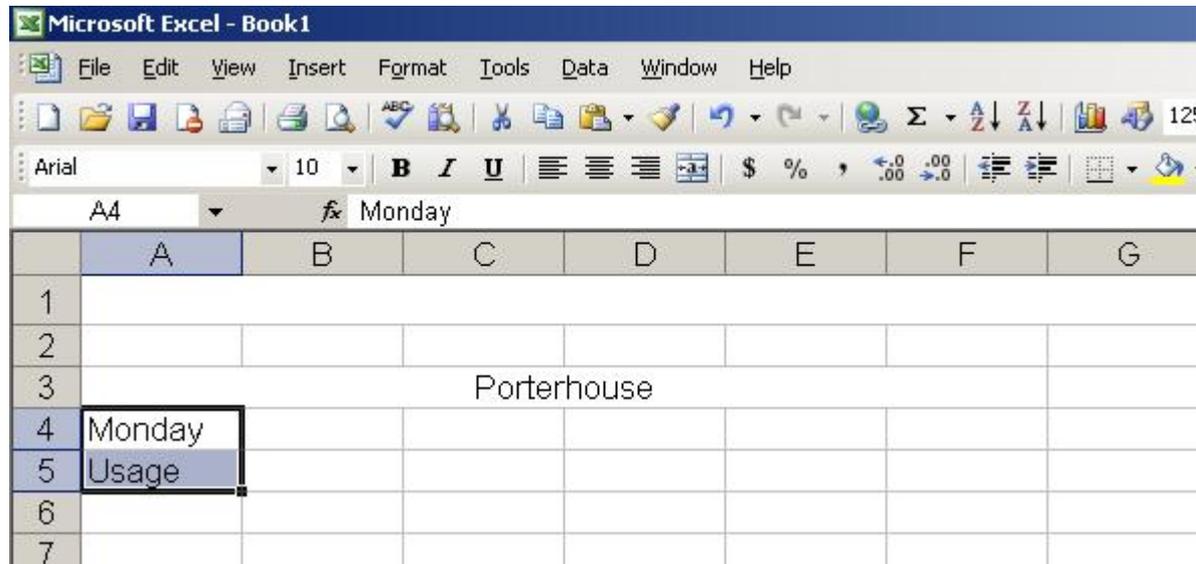
Merge and center A1 to U1, Type Daily Usage Par Worksheet



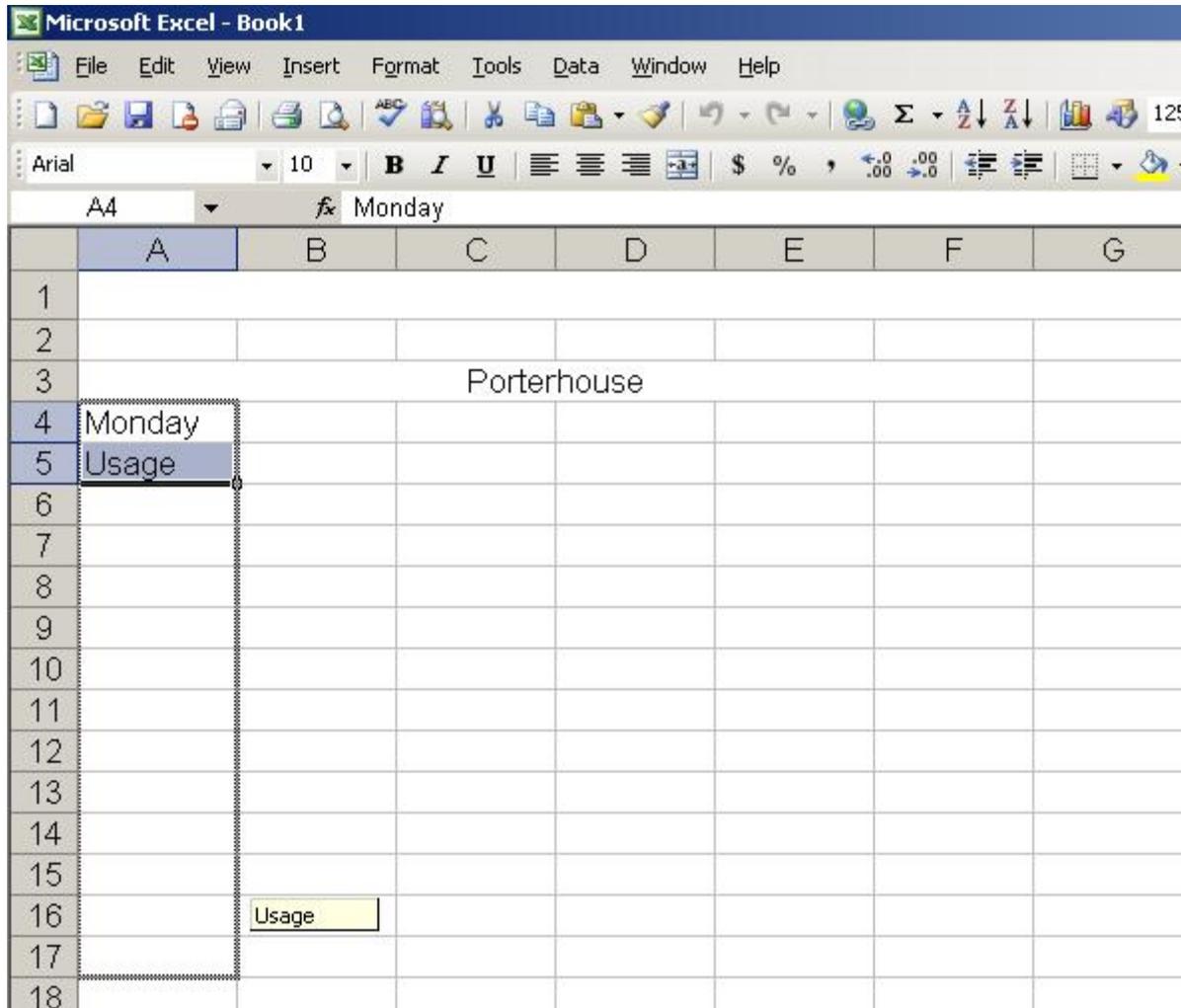
Merge and center A3 to F3, Type Porterhouse



Type Monday in A4
Type Usage in A5
Highlight A4 and A5



Select the Fill Handle (black box) and pull down to row 17



Type 3/15 in cell B4
Type 3/22 in cell C4
Highlight B4 and C4

Microsoft Excel - Book1

File Edit View Insert Format Tools Data Window Help

125%

Arial 10 B I U \$ % .00 .00

B4 3/15/2009

	A	B	C	D	E	F	G
1							
2							
3		Porterhouse					
4	Monday	15-Mar	22-Mar				
5	Usage						
6	Tuesday						
7	Usage						
8	Wednesday						
9	Usage						
10	Thursday						
11	Usage						
12	Friday						
13	Usage						
14	Saturday						
15	Usage						
16	Sunday						
17	Usage						

Select the Fill Handle (black box) and pull across to column F

Microsoft Excel - Book1

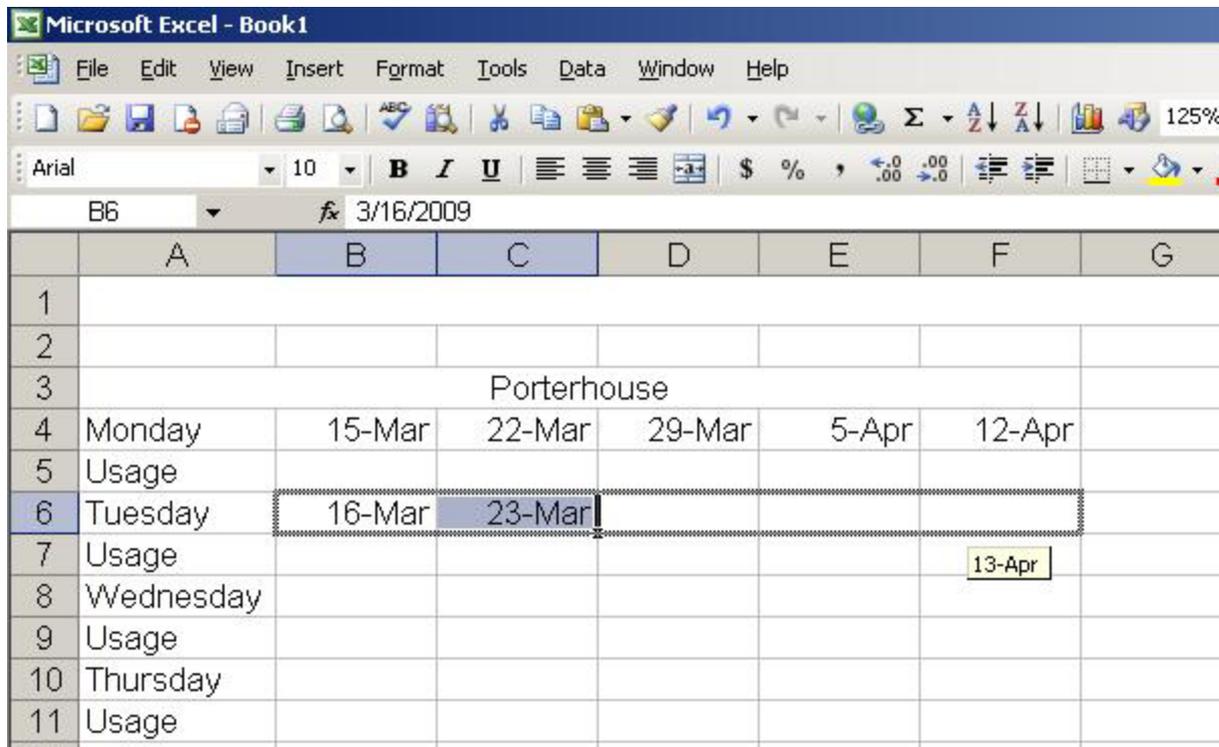
File Edit View Insert Format Tools Data Window Help

Arial 10 B I U \$ % .00 .00

B4 3/15/2009

	A	B	C	D	E	F	G
1							
2							
3		Porterhouse					
4	Monday	15-Mar	22-Mar				
5	Usage					12-Apr	
6	Tuesday						
7	Usage						
8	Wednesday						
9	Usage						
10	Thursday						
11	Usage						
12	Friday						
13	Usage						
14	Saturday						
15	Usage						
16	Sunday						
17	Usage						
18							

Type 3/16 in cell B6
Type 3/23 in cell C6
Highlight B6 and C6



Microsoft Excel - Book1

File Edit View Insert Format Tools Data Window Help

Arial 10 B I U \$ % .00 .00

B6 3/16/2009

	A	B	C	D	E	F	G
1							
2							
3				Porterhouse			
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage						
6	Tuesday	16-Mar	23-Mar				
7	Usage					13-Apr	
8	Wednesday						
9	Usage						
10	Thursday						
11	Usage						

Select the Fill Handle (black box) and pull across to column F

Highlight B4 to F7, Select the Fill Handle (black box) and pull down to row 17

Microsoft Excel - Book1

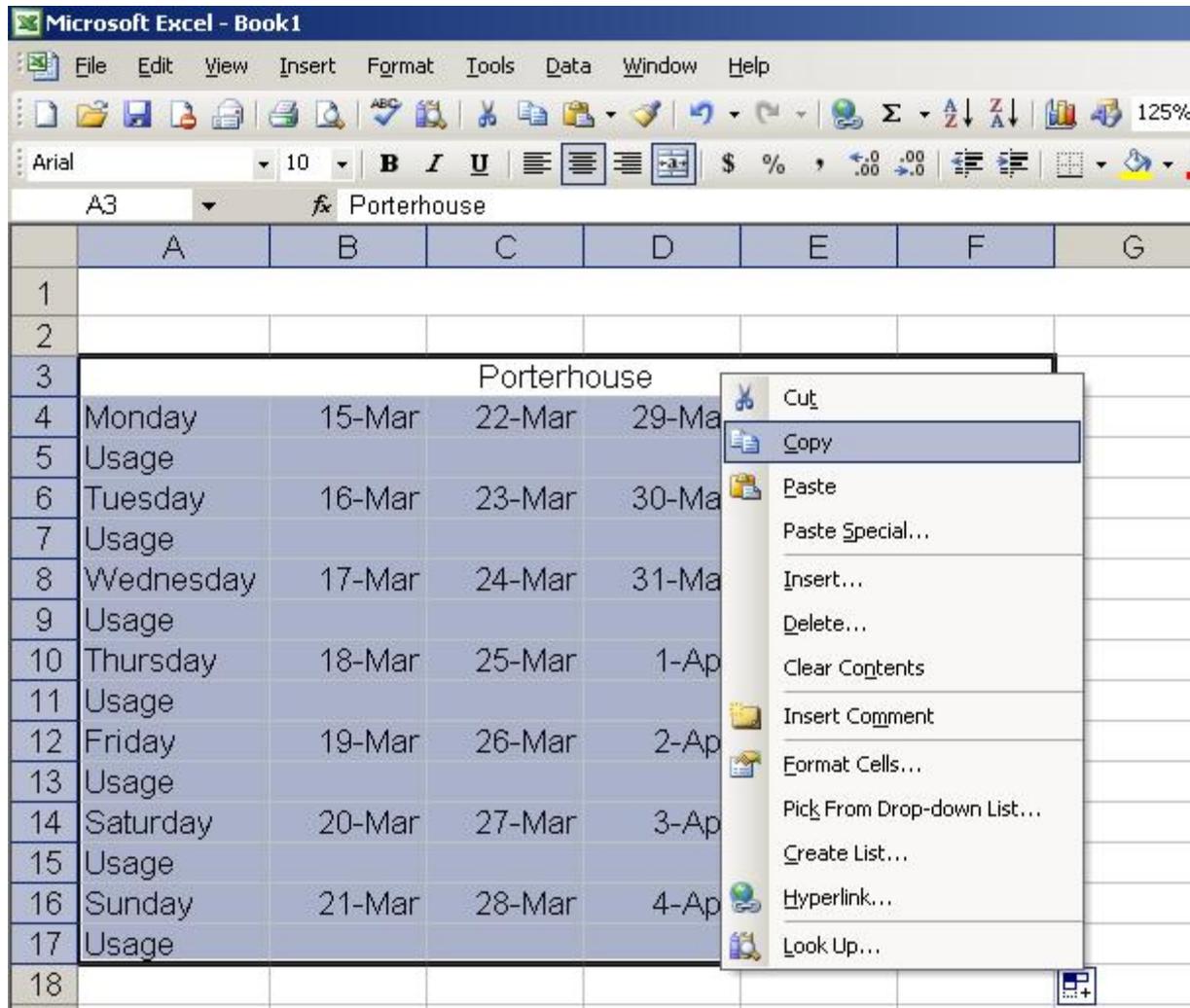
File Edit View Insert Format Tools Data Window Help

Arial 10 B I U \$ % .00 .00 125%

B4 3/15/2009

	A	B	C	D	E	F	G	
1								
2								
3		Porterhouse						
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr		
5	Usage							
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr		
7	Usage							
8	Wednesday							
9	Usage							
10	Thursday							
11	Usage							
12	Friday							
13	Usage							
14	Saturday							
15	Usage							
16	Sunday							
17	Usage							
18								

Highlight A3 to F17, right click on the blue area and select copy



Type in DU Par data under each date

Daily Usage Par Data

Porterhouse					
	Week 1	Week 2	Week 3	Week 4	Week 5
Monday	10	9	7	4	12
Tuesday	9	8	8	7	9
Wednesday	14	12	10	8	14
Thursday	18	12	13	17	18
Friday	9	10	15	11	15
Saturday	11	12	17	18	20
Sunday	20	21	22	19	18

Filet Mignon					
	Week 1	Week 2	Week 3	Week 4	Week 5
Monday	16	15	17	18	12
Tuesday	19	15	17	20	12
Wednesday	18	17	10	14	13
Thursday	21	22	18	14	10
Friday	25	14	16	14	18
Saturday	10	12	19	20	22
Sunday	18	15	16	10	11

NY Strip					
	Week 1	Week 2	Week 3	Week 4	Week 5
Monday	22	25	30	28	19
Tuesday	32	24	29	28	32
Wednesday	15	15	16	18	21
Thursday	20	18	18	17	22
Friday	30	29	36	29	32
Saturday	40	39	38	24	32
Sunday	24	28	31	28	19

Merge and center A19 to B19, Type **Current Inventory**

3		Porterhouse						
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	Monday	
5	Usage	10	9	7	4	12	Usage	
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	Tuesday	
7	Usage	9	8	8	7	9	Usage	
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	Wednesday	
9	Usage	14	12	10	8	14	Usage	
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	Thursday	
11	Usage	18	12	13	17	18	Usage	
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	Friday	
13	Usage	9	10	15	11	15	Usage	
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	Saturday	
15	Usage	11	12	17	18	20	Usage	
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	Sunday	
17	Usage	20	21	22	19	18	Usage	
18								
19	Current Inventory							
20								
21								
22								
23								
24								

In cell C19, type 40

	A	B	C	D	E	F	G
1							
2							
3			Porterhouse				
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage	10	9	7	4	12	12
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	
7	Usage	9	8	8	7	9	9
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	
9	Usage	14	12	10	8	14	14
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	
11	Usage	18	12	13	17	18	18
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	
13	Usage	9	10	15	11	15	15
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	
15	Usage	11	12	17	18	20	20
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	
17	Usage	20	21	22	19	18	22
18							
19	Current Inventory		40				
20							

Type **Build to** in cell C21

Type **Extra** in cell D21

Type **UI** in cell E21

Type **Forecast W,T,F** in cell A22

Type **Forecast S,S,M,T** in cell A24

18						
19	Current Inventory	40				
20						
21		Build to	Extra	UI		
22	Forecast W,T,F					
23						
24	Forecast S,S,M,T					
25						
26						

In cell C22, type =sum(G11,G13,G9)

	A	B	=SUM(G11,G13,G9)				
1							
2							
3			Porterhouse				
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage	10	9	7	4	12	12
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	
7	Usage	9	8	8	7	9	9
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	
9	Usage	14	12	10	8	14	14
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	
11	Usage	18	12	13	17	18	18
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	
13	Usage	9	10	15	11	15	15
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	
15	Usage	11	12	17	18	20	20
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	
17	Usage	20	21	22	19	18	22
18							
19	Current Inventory		40				
20							
21			Build to	Extra	UI		
22	Forecast W,T,F		=SUM(G11,G13,G9)				
23							
24	Forecast S,S,M,T						

In cell D22, type 0

18				
19	Current Inventory	40		
20				
21		Build to	Extra	UI
22	Forecast W,T,F	47	0	
23				
24	Forecast S,S,M,T			
25				

In cell E22, type =C19-G5-G7

	A	B	C	D	E	F	G
1							
2							
3		Porterhouse					
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage	10	9	7	4	12	12
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	
7	Usage	9	8	8	7	9	9
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	
9	Usage	14	12	10	8	14	14
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	
11	Usage	18	12	13	17	18	18
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	
13	Usage	9	10	15	11	15	15
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	
15	Usage	11	12	17	18	20	20
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	
17	Usage	20	21	22	19	18	22
18							
19	Current Inventory		40				
20							
21			Build to	Extra	UI		
22	Forecast W,T,F		47	0	=C19-G5		
23							
24	Forecast S,S,M,T						

In cell C24, type
`=sum(G5,G7,G15,G17)`

	A	B	C	D	E	F	G
1							
2							
3			Porterhouse				
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage	10	9	7	4	12	12
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	
7	Usage	9	8	8	7	9	9
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	
9	Usage	14	12	10	8	14	14
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	
11	Usage	18	12	13	17	18	18
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	
13	Usage	9	10	15	11	15	15
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	
15	Usage	11	12	17	18	20	20
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	
17	Usage	20	21	22	19	18	22
18							
19	Current Inventory		40				
20							
21			Build to	Extra	UI		
22	Forecast W,T,F		47	0	19		
23							
24	Forecast S,S,M,T		=SUM(G				

In cell D24, type **36**

18					
19	Current Inventory	40			
20					
21		Build to	Extra	UI	
22	Forecast W,T,F	47	0	19	
23					
24	Forecast S,S,M,T	63	36		
25					

In cell E24, type =C19-G11-G13

	A	B	C	D	E	F	G
1							
2							
3	Porterhouse						
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage	10	9	7	4	12	12
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	
7	Usage	9	8	8	7	9	9
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	
9	Usage	14	12	10	8	14	14
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	
11	Usage	18	12	13	17	18	18
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	
13	Usage	9	10	15	11	15	15
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	
15	Usage	11	12	17	18	20	20
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	
17	Usage	20	21	22	19	18	22
18							
19	Current Inventory		40				
20							
21			Build to	Extra	UI		
22	Forecast W,T,F		47	0	19		
23							
24	Forecast S,S,M,T		63	36	=C19-G11-G13		

Highlight A19 to E24, right click on the blue area and select copy

	A	B	C	D	E	F	G
3	Porterhouse						
4	Monday	15-Mar	22-Mar				
5	Usage	10	9				12
6	Tuesday	16-Mar	23-Mar				
7	Usage	9	8				9
8	Wednesday	17-Mar	24-Mar				
9	Usage	14	12				14
10	Thursday	18-Mar	25-Mar				
11	Usage	18	12				18
12	Friday	19-Mar	26-Mar				
13	Usage	9	10				15
14	Saturday	20-Mar	27-Mar				
15	Usage	11	12				20
16	Sunday	21-Mar	28-Mar				
17	Usage	20	21				22
18							
19	Current Inventory		40				
20							
21			Build to				
22	Forecast W,T,F		47	0	19		
23							
24	Forecast S,S,M,T		63	36	7		
25							

In cell J19, type 63

Current Inventory	63		
	Build to	Extra	UI
Forecast W,T,F	65	0	25
Forecast S,S,M,T	78	36	16

In cell Q19, type 65

Current Inventory	65		
	Build to	Extra	UI
Forecast W,T,F	79	0	3
Forecast S,S,M,T	133	36	7

In cell C26, type Porter

In cell D26, type Filet

In cell E26, type NY Strip

In cell A27, type Mon Order

In cell A29, type Thu Order

19	Current Inventory	40			
20					
21		Build to	Extra	UI	
22	Forecast W,T,F	47	0	19	
23					
24	Forecast S,S,M,T	63	36	7	
25					
26		Porter	Filet	NY Strip	
27	Mon Order				
28					
29	Thu Order				
30					

In cell C27, =C22+D22-E22

	A	B	C	D	E	F	G
3			Porterhouse				
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	
5	Usage	10	9	7	4	12	12
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	
7	Usage	9	8	8	7	9	9
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr	
9	Usage	14	12	10	8	14	14
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	
11	Usage	18	12	13	17	18	18
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	
13	Usage	9	10	15	11	15	15
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr	
15	Usage	11	12	17	18	20	20
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	
17	Usage	20	21	22	19	18	22
18							
19	Current Inventory		40				
20							
21			Build to	Extra	UI		
22	Forecast W,T,F		47	0	19		
23							
24	Forecast S,S,M,T		63	36	7		
25							
26			Porter	Filet	NY Strip		
27	Mon Order		=C22+D22-E22				
28							
29	Thu Order						

In cell E27, =Q22+R22-S22

CT =Q22+R22-S22

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S		
Daily Usage Par Worksheet																				
	Porterhouse							Filet Mignon							New York Strip					
ay	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr		Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr		Monday	15-Mar	22-Mar	29-Mar	5-Apr		
e	10	9	7	4	12	12	Usage	16	15	17	18	12	18	Usage	22	25	30	28		
ay	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr		Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr		Tuesday	16-Mar	23-Mar	30-Mar	6-Apr		
e	9	8	8	7	9	9	Usage	19	15	17	20	12	20	Usage	32	24	29	28		
uesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr		Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr		Wednesday	17-Mar	24-Mar	31-Mar	7-Apr		
e	14	12	10	8	14	14	Usage	18	17	10	14	13	18	Usage	15	15	16	18		
uesday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr		Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr		Thursday	18-Mar	25-Mar	1-Apr	8-Apr		
e	18	12	13	17	18	18	Usage	21	22	18	14	10	22	Usage	20	18	18	17		
riday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr		Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr		Friday	19-Mar	26-Mar	2-Apr	9-Apr		
e	9	10	15	11	15	15	Usage	25	14	16	14	18	25	Usage	30	29	36	29		
aturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr		Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr		Saturday	20-Mar	27-Mar	3-Apr	10-Apr		
e	11	12	17	18	20	20	Usage	10	12	19	20	22	22	Usage	40	39	38	24		
unday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr		Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr		Sunday	21-Mar	28-Mar	4-Apr	11-Apr		
e	20	21	22	19	18	22	Usage	18	15	16	10	11	18	Usage	24	28	31	28		
rent Inventory	40						Current Inventory	63						Current Inventory	65					
	Build to	Extra	UI				Build to	Extra	UI				Build to	Extra	UI					
ast W,T,F	47	0	19				Forecast W,T,F	65	0	25				Forecast W,T,F	79	0	3			
ast S,S,M,T	63	36	7				Forecast S,S,M,T	78	36	16				Forecast S,S,M,T	133	36	7			
Order	Porter	Filet	NY Strip																	
	28	40	=Q22+R22-S22																	

In cell C29, =C24+D24-E24

INDIRECT		=C24+D24-E24						
	A	B	C	D	E	F	G	
1								
2								
3			Porterhouse					
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr		
5	Usage	10	9	7	4	12	12	
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr		
7	Usage	9	8	8	7	9	9	
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr		
9	Usage	14	12	10	8	14	14	
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr		
11	Usage	18	12	13	17	18	18	
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr		
13	Usage	9	10	15	11	15	15	
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr		
15	Usage	11	12	17	18	20	20	
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr		
17	Usage	20	21	22	19	18	22	
18								
19	Current Inventory		40					
20								
21			Build to	Extra	UI			
22	Forecast W,T,F		47	0	19			
23								
24	Forecast S,S,M,T		63	36	77			
25								
26			Porter	Filet	NY Strip			
27	Mon Order		28	40	76			
28								
29	Thu Order		=C24+D24-E24					
30								

Finished Worksheet

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U						
1	Daily Usage Par Worksheet																										
2																											
3	Porterhouse						Filet Mignon						New York Strip														
4	Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr		Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr		Monday	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr							
5	Usage	10	9	7	4	12	12	Usage	16	15	17	18	12	18	Usage	22	25	30	28	19	30						
6	Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr		Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr		Tuesday	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr							
7	Usage	9	8	8	7	9	9	Usage	19	15	17	20	12	20	Usage	32	24	29	28	32	32						
8	Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr		Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr		Wednesday	17-Mar	24-Mar	31-Mar	7-Apr	14-Apr							
9	Usage	14	12	10	8	14	14	Usage	18	17	10	14	13	18	Usage	15	15	16	18	21	21						
10	Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr		Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr		Thursday	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr							
11	Usage	18	12	13	17	18	18	Usage	21	22	18	14	10	22	Usage	20	18	18	17	22	22						
12	Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr		Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr		Friday	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr							
13	Usage	9	10	15	11	15	15	Usage	25	14	16	14	18	25	Usage	30	29	36	29	32	36						
14	Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr		Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr		Saturday	20-Mar	27-Mar	3-Apr	10-Apr	17-Apr							
15	Usage	11	12	17	18	20	20	Usage	10	12	19	20	22	22	Usage	40	39	38	24	32	40						
16	Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr		Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr		Sunday	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr							
17	Usage	20	21	22	19	18	22	Usage	18	15	16	10	11	18	Usage	24	28	31	28	19	31						
18																											
19	Current Inventory		40					Current Inventory		63					Current Inventory		65										
20																											
21			Build to	Extra	UI					Build to	Extra	UI					Build to	Extra	UI								
22	Forecast W,T,F		47			0		19		Forecast W,T,F		65			0		25		Forecast W,T,F		79			0		3	
23																											
24	Forecast S,S,M,T		63			36		7		Forecast S,S,M,T		78			36		16		Forecast S,S,M,T		133			36		7	
25																											
26			Porter	Filet	NY Strip																						
27	Mon Order		28			40		76																			
28																											
29	Thu Order		92			98		162																			
30																											

- Save the spreadsheet as DU Par 1
- Make a second Daily Usage Par Spreadsheet from data on the DU Par handout

Bibliography

- ¹ Ulm, Robert A. How Much to Buy.
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