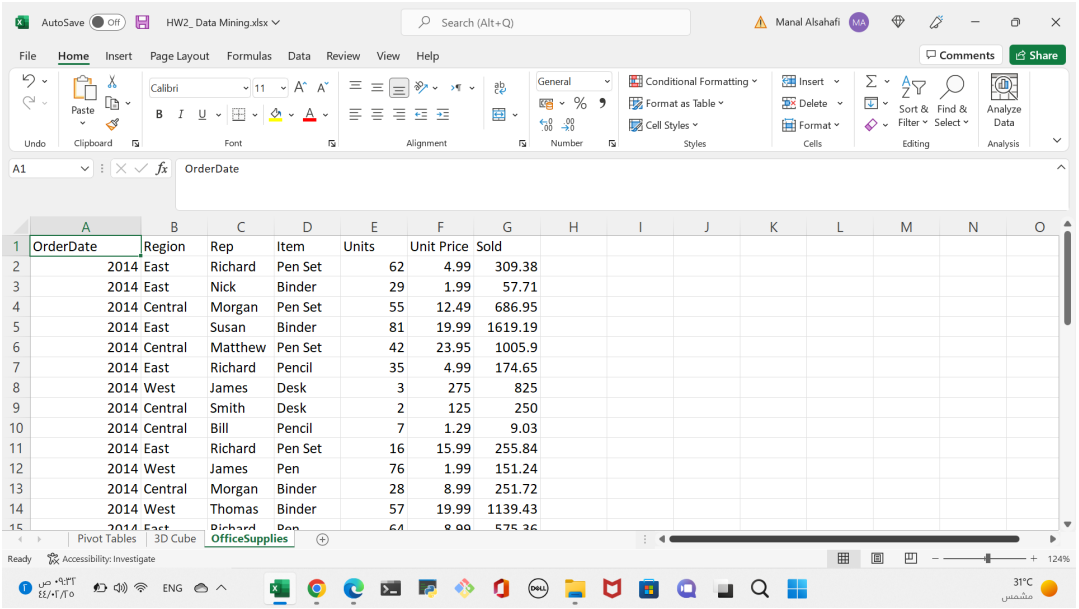
Create a 3D Table Cube

Dataset

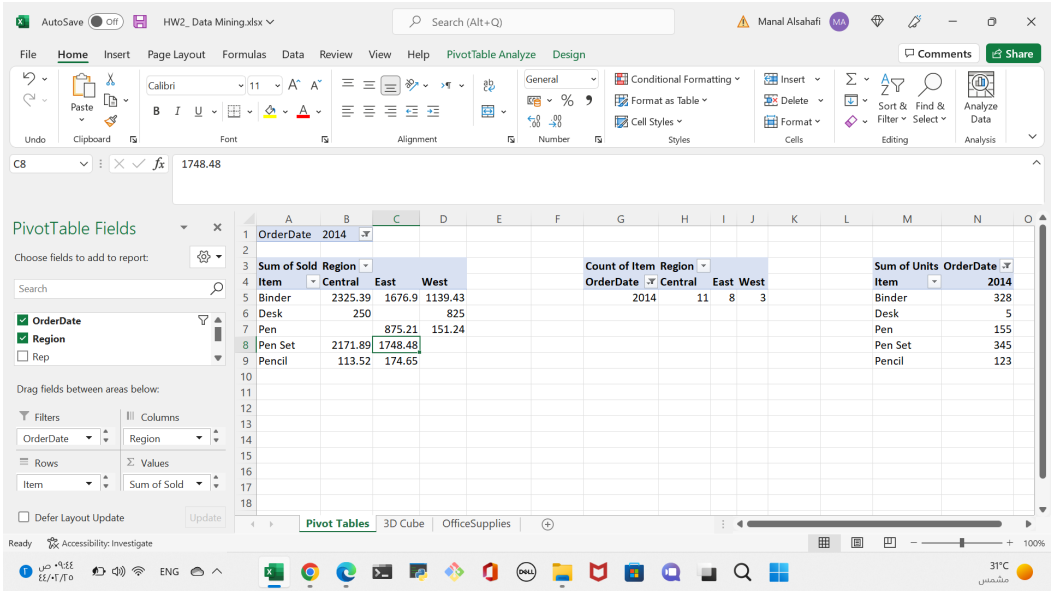
I used a public dataset called “Office Supply Sales” from Kaggle. It contains 43 rows of sales with prices of 5 products in 3 regions by 11 reps. In this work I calculated the sales of products in each Region by this formula:
(Units * Unit Price)

The result shown in a new column (Sold).



OrderDate	Region	Rep	Item	Units	Unit Price	Sold
2014	East	Richard	Pen Set	62	4.99	309.38
2014	East	Nick	Binder	29	1.99	57.71
2014	Central	Morgan	Pen Set	55	12.49	686.95
2014	East	Susan	Binder	81	19.99	1619.19
2014	Central	Matthew	Pen Set	42	23.95	1005.9
2014	East	Richard	Pencil	35	4.99	174.65
2014	West	James	Desk	3	275	825
2014	Central	Smith	Desk	2	125	250
2014	Central	Bill	Pencil	7	1.29	9.03
2014	East	Richard	Pen Set	16	15.99	255.84
2014	West	James	Pen	76	1.99	151.24
2014	Central	Morgan	Binder	28	8.99	251.72
2014	West	Thomas	Binder	57	19.99	1139.43

The Pivot Tables

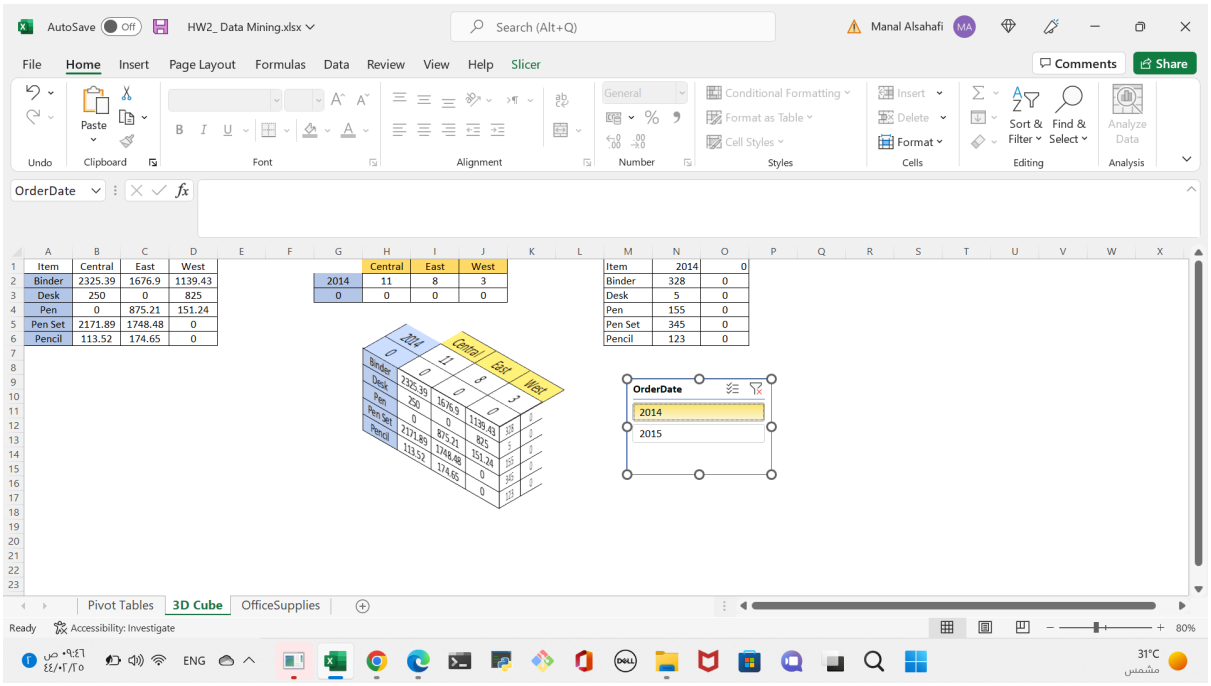


Sum of Sold	Region		
Item	Central	East	West
Binder	2325.39	1676.9	1139.43
Desk	250		825
Pen		875.21	151.24
Pen Set	2171.89	1748.48	
Pencil	113.52	174.65	

Count of Item	Region		
OrderDate	Central	East	West
2014	11	8	3

Sum of Units	OrderDate
Item	2014
Binder	328
Desk	5
Pen	155
Pen Set	345
Pencil	123

3D Cube



Item	Central	East	West
Binder	2325.39	1676.9	1139.43
Desk	250	0	825
Pen	0	875.21	151.24
Pen Set	2171.89	1748.48	0
Pencil	113.52	174.65	0

	Central	East	West
2014	11	8	3
0	0	0	0

Item	2014	0
Binder	328	0
Desk	5	0
Pen	155	0
Pen Set	345	0
Pencil	123	0