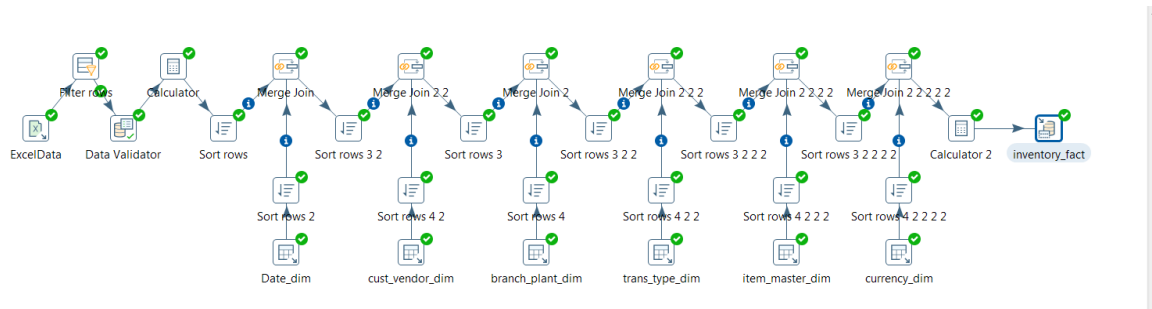


# Excel – Problem 1

## 1. Excel Flow



## 2. Execution Flow result

Execution Results														
Execution History   Logging   Step Metrics   Performance Graph   Metrics   Preview data														
#	Stepname	Copynr	Read	Written	Input	Output	Updated	Rejected	Errors	Active	Time	Speed (r/s)	input/output	
19	Merge Join 2 2 2 2 2	0	14	10	0	0	0	0	0	Finished	3.3s	4	-	
20	currency_dim	0	0	4	4	0	0	0	0	Finished	1.2s	3	-	
21	Calculator 2	0	10	10	0	0	0	0	0	Finished	3.3s	3	-	
22	cust_vendor_dim	0	0	20	20	0	0	0	0	Finished	1.1s	17	-	
23	Sort rows 4 2	0	20	20	0	0	0	0	0	Finished	1.2s	17	-	
24	Sort rows 3 2	0	11	11	0	0	0	0	0	Finished	1.5s	7	-	
25	Merge Join 2 2	0	31	10	0	0	0	0	0	Finished	1.9s	17	-	
26	branch_plant_dim	0	0	20	20	0	0	0	0	Finished	1.2s	17	-	
27	Sort rows 4	0	20	20	0	0	0	0	0	Finished	1.2s	17	-	
28	Sort rows 3	0	10	10	0	0	0	0	0	Finished	1.9s	5	-	
29	Merge Join 2	0	30	10	0	0	0	0	0	Finished	2.2s	14	-	
30	inventory_fact	0	10	10	10	10	0	0	0	Finished	3.4s	3	-	

## 3. Insert / Update

#	BranchPlantKey	Month	Day	Year	ItemMasterKey	TransTypeKey	CustVendorKey	UnitCost	Currency	Quantity	DATEKEY	DATEJULIAN	CALDAY	CALMONTH	CALQUARTER
1	9.0	9.0	3.0	2012.0	15.0	1.0	11.0	22.01	GBP	50.0	88	2012247	3	9	3
2	17.0	10.0	1.0	2012.0	5.0	3.0	5.0	33.02	JPY	15.0	92	2012275	1	10	4
3	5.0	10.0	15.0	2012.0	1.0	3.0	15.0	17.11	JPY	17.0	94	2012289	15	10	4
4	3.0	8.0	13.0	2012.0	17.0	3.0	7.0	22.33	JPY	20.0	85	2012226	13	8	3
5	7.0	8.0	27.0	2012.0	7.0	1.0	3.0	33.22	JPY	40.0	87	2012240	27	8	3
6	1.0	8.0	6.0	2012.0	19.0	1.0	5.0	11.22	USD	10.0	84	2012219	6	8	3
7	7.0	10.0	22.0	2012.0	3.0	1.0	13.0	21.22	USD	15.0	95	2012296	22	10	4
8	9.0	10.0	29.0	2012.0	5.0	5.0	11.0	33.21	USD	18.0	96	2012303	29	10	4
9	11.0	9.0	10.0	2012.0	5.0	3.0	15.0	11.03	USD	20.0	89	2012254	10	9	3
10	5.0	8.0	20.0	2012.0	9.0	5.0	1.0	33.11	USD	30.0	86	2012233	20	8	3