



IT3021
Data Warehousing and Business
Intelligence
3rd Year 1st Semester

Assignment 2

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Name: ALWIS. P. L. A.I

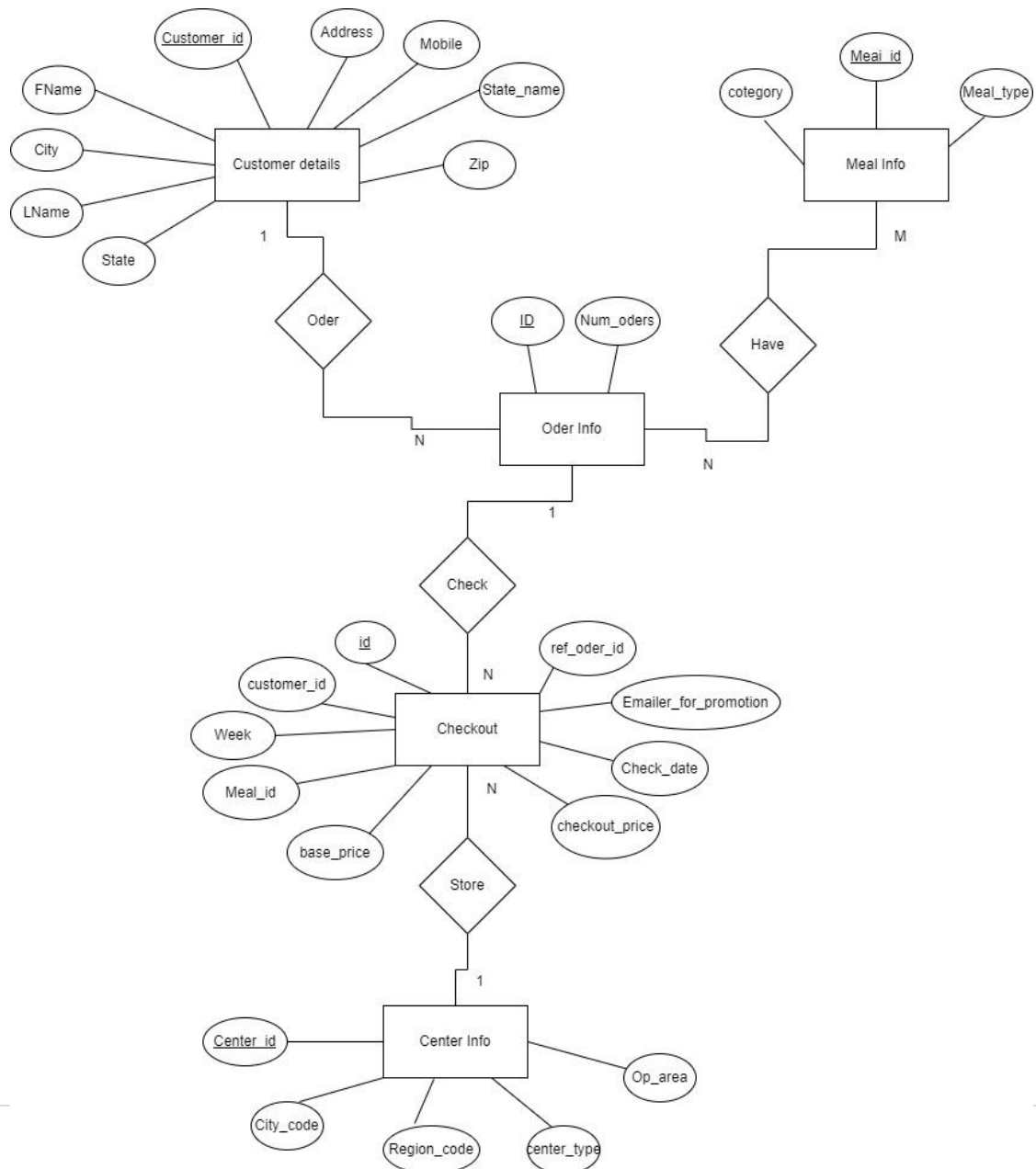
Submitted to:

Sri Lanka Institute of Information Technology

Content of the Dataset

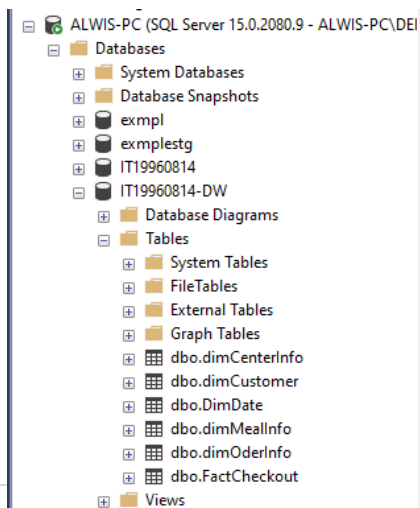
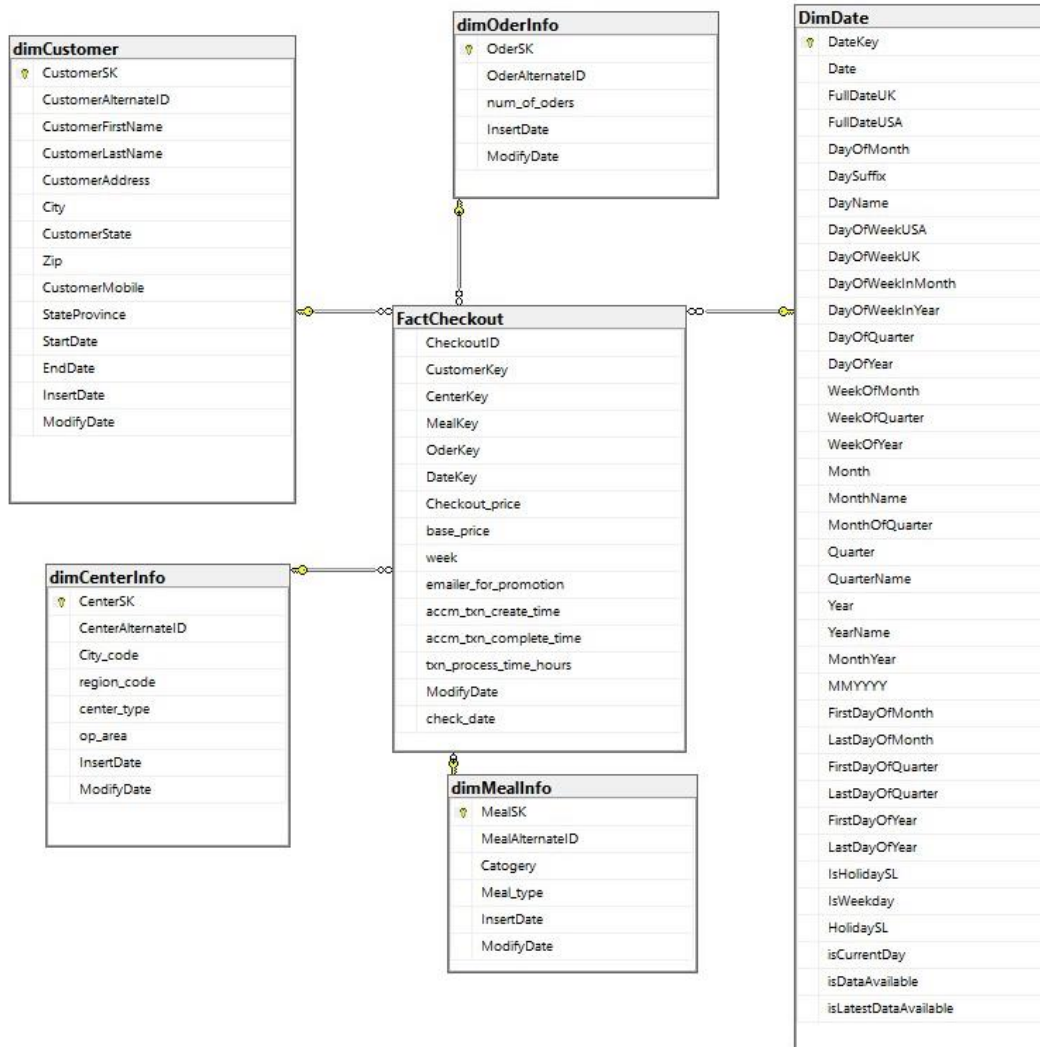
This dataset mainly focused on fulfillment centers in these cities for dispatching meal orders to their customers. The replenishment of majority of raw materials is done on weekly basis and since the raw material is perishable, the procurement planning is of utmost importance. Secondly, staffing of the centers is also one area wherein accurate demand forecasts are helpful. Given the following information, the task is to predict the demand for the next weeks for the center-meal combinations in the test set.

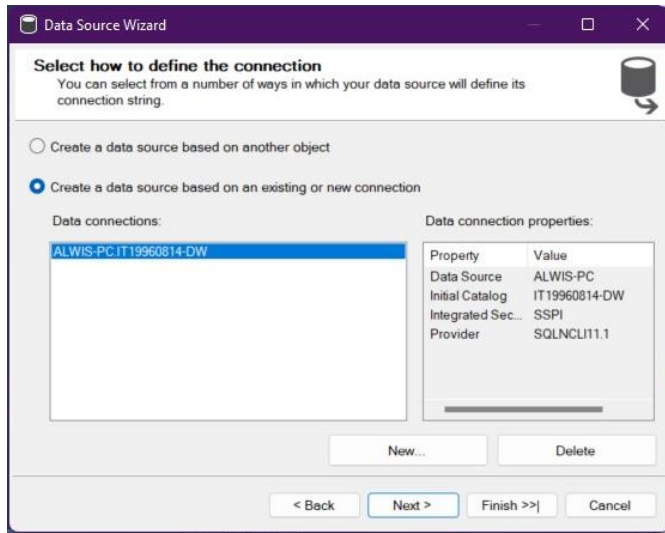
R Diagram of the Dataset



Step 1: Data source for the assignment 2

- IT19960814_DW that I have implemented and loaded with data in Assignment 1 as the data source for the assignment 2.

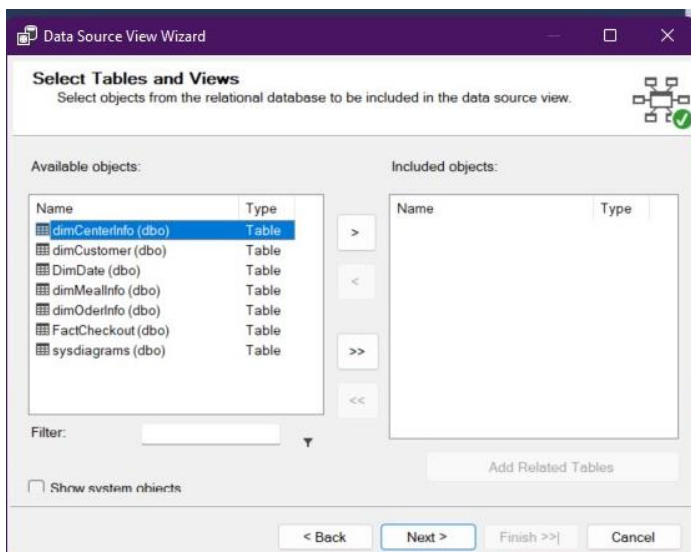
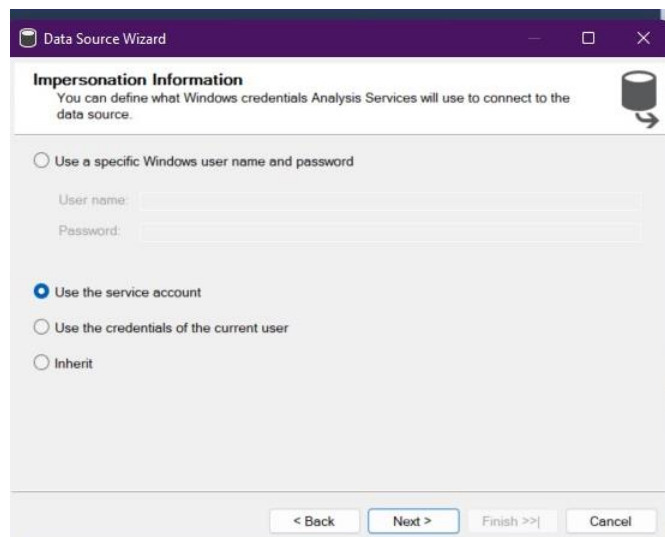




Create Data Source :

A) Right click on the Data Sources under created project and click on New Data Source

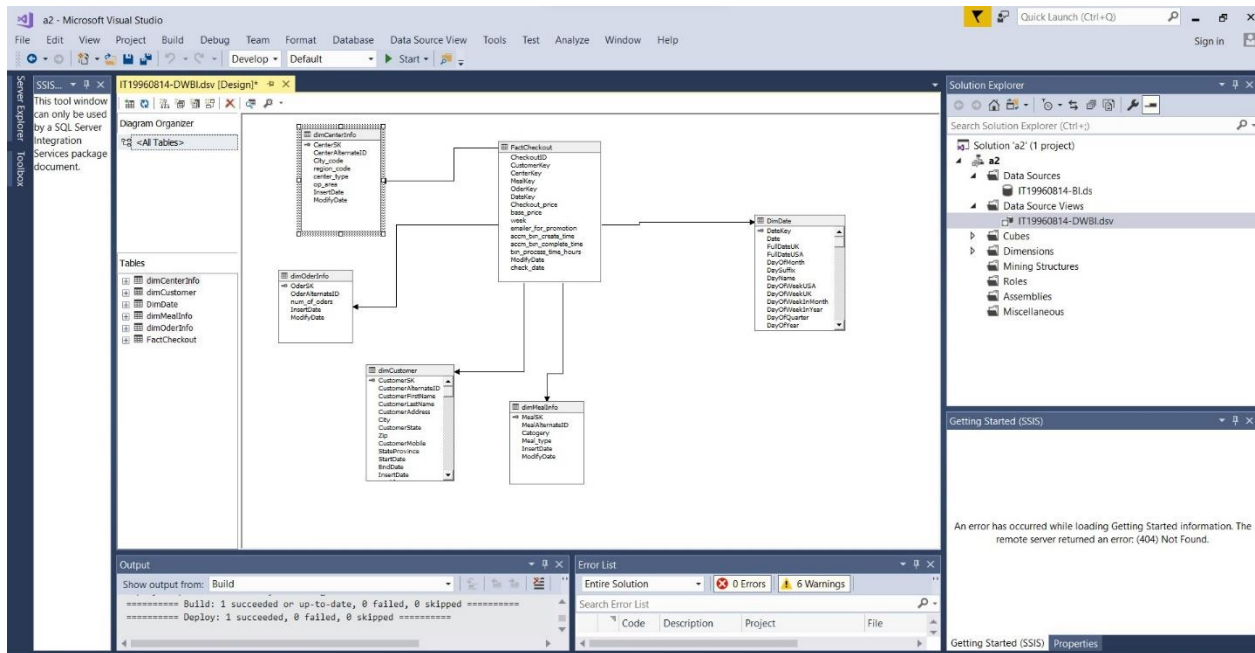
B) Click correct data base schema (Data warehouse) and next



Create Data Source Views :

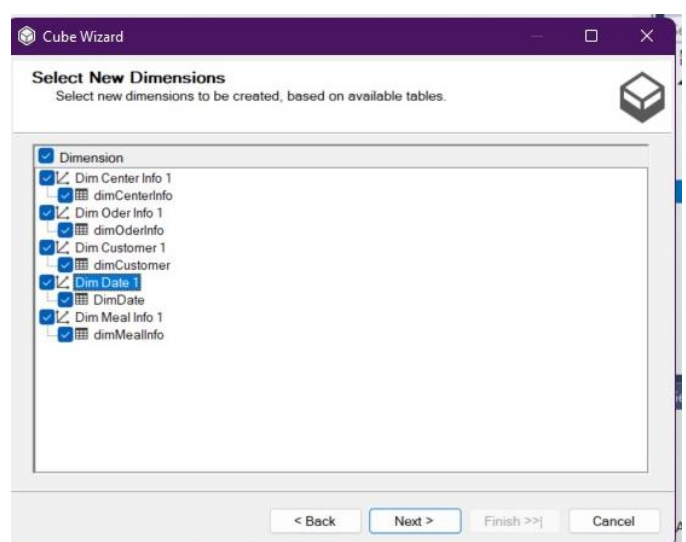
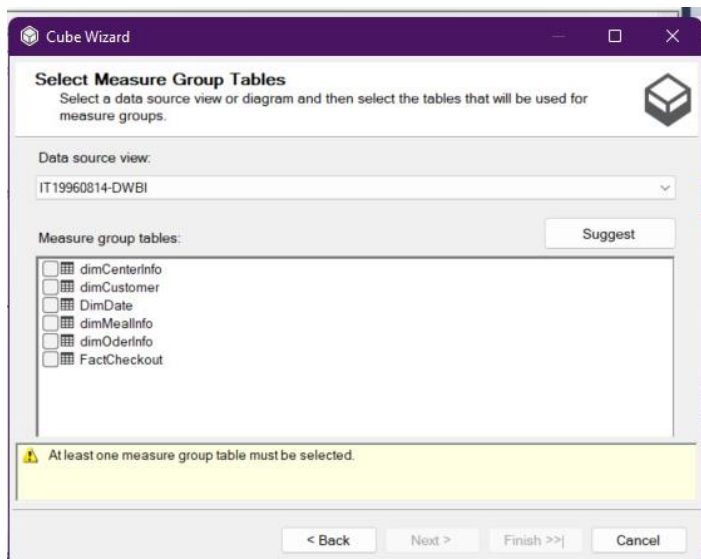
A) Right click on the New Data Source View under SSAS Project

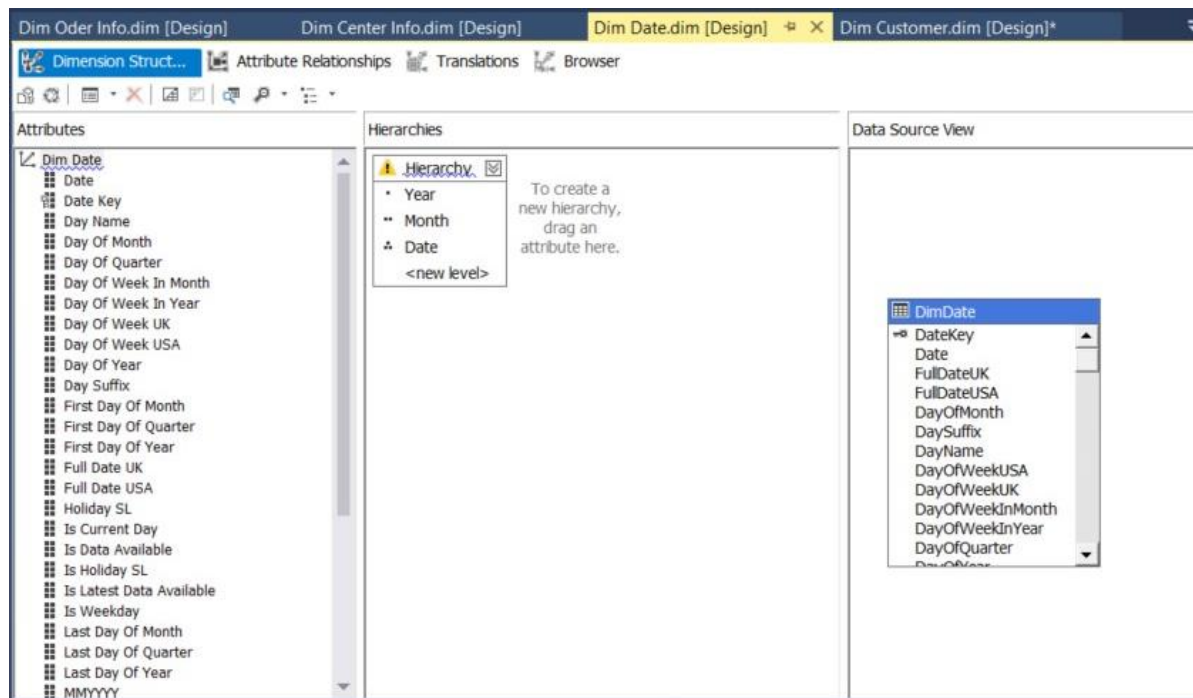
B) Select All the Available dimension tables into Included Objects and click Finish



Step 2: SSAS Cube implementation

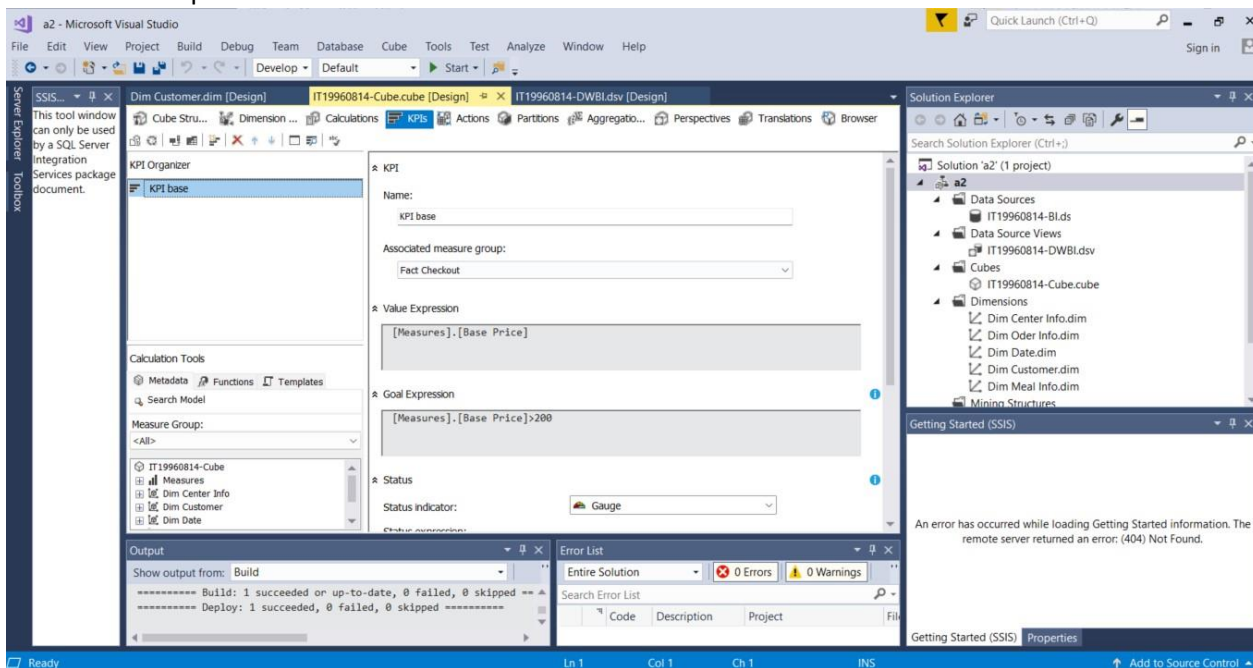
- Under SSAS project right click on the cube and New Cube
- Use Existing table -> Next
- Select the All Fact tables and Next
- Select all the transaction attributes and Next.
- Select all the dimension tables and Next.
- Finish



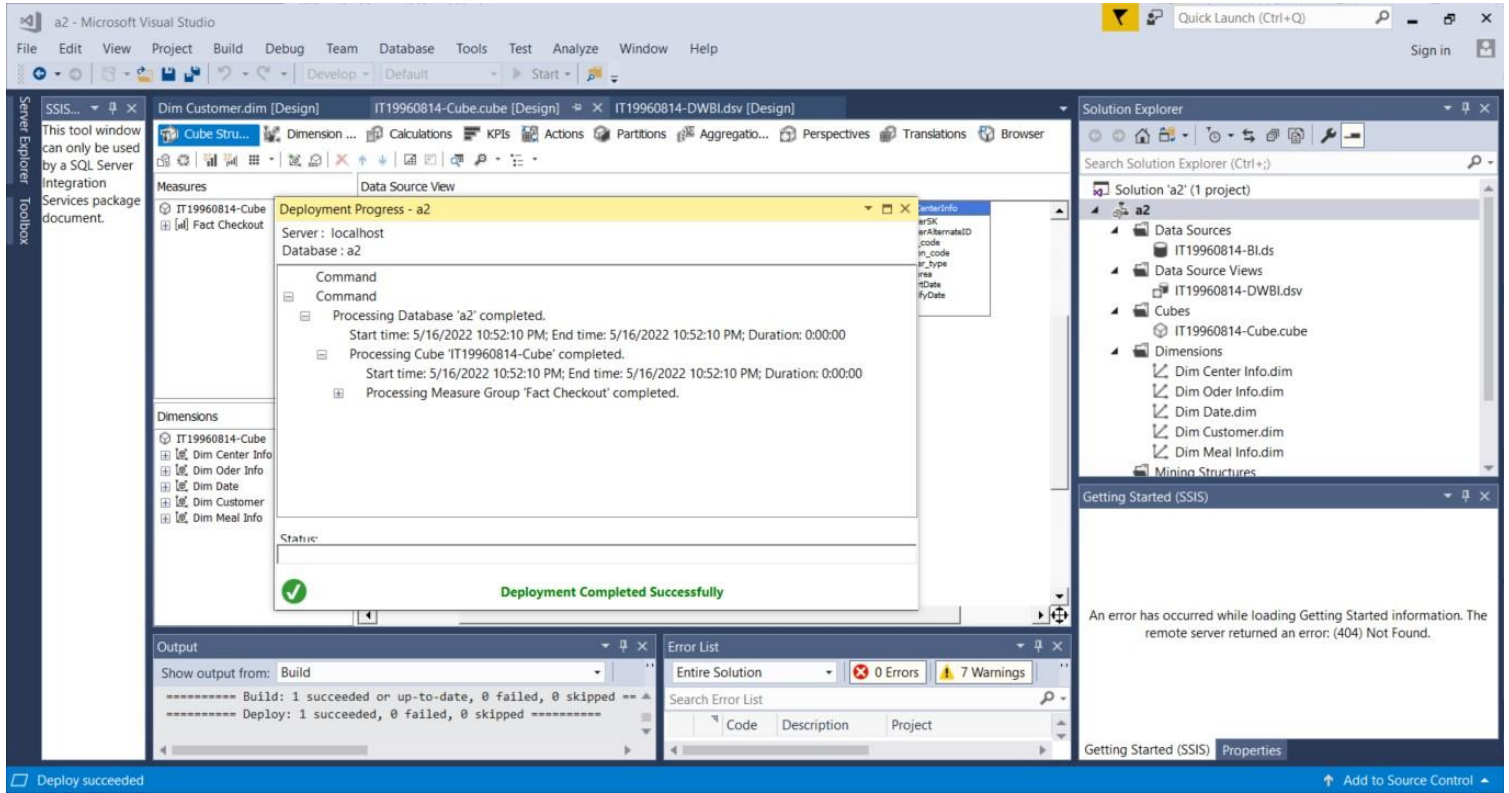


Creating KPI

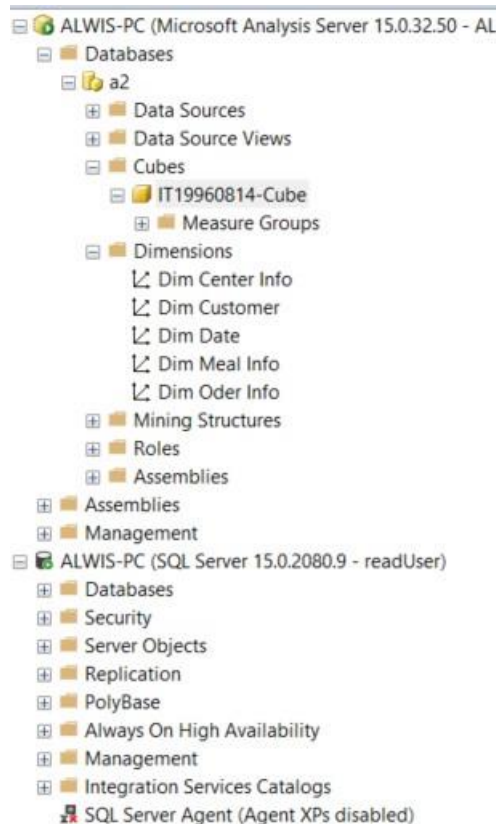
KPI for Base price



Finally, I have Deployed the project, I got the deployment is successful message as shown below



data cube



Step 3: Demonstration of OLAP operations

Connect an Excel workbook to the Cube. You may use connecting Excel workbook using features available in Data tab or POWERPIVOT mode

- A) Data tab and getData-> From Database ->From Analysis Services
- B) Set the credentials for database and select SSAS cube and finish

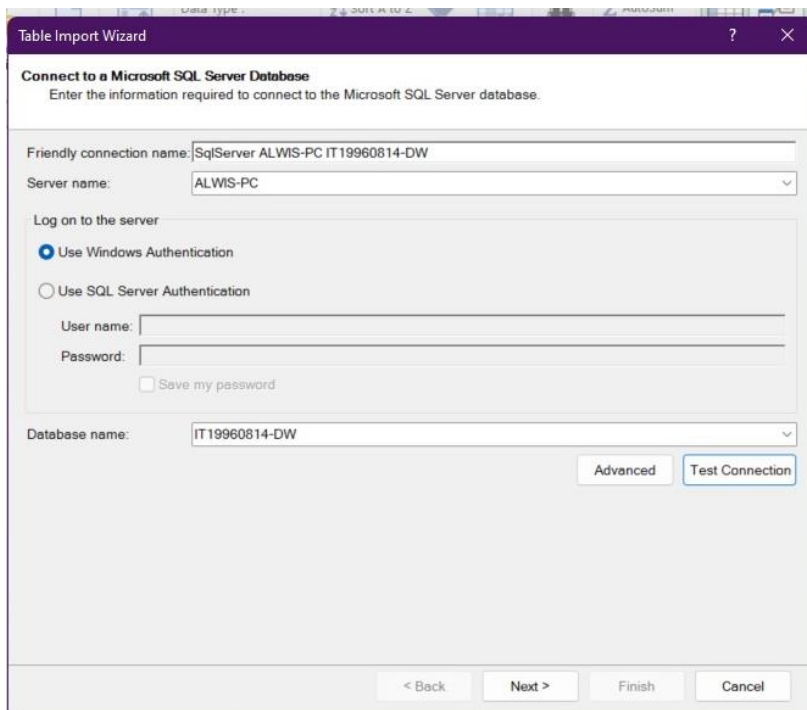
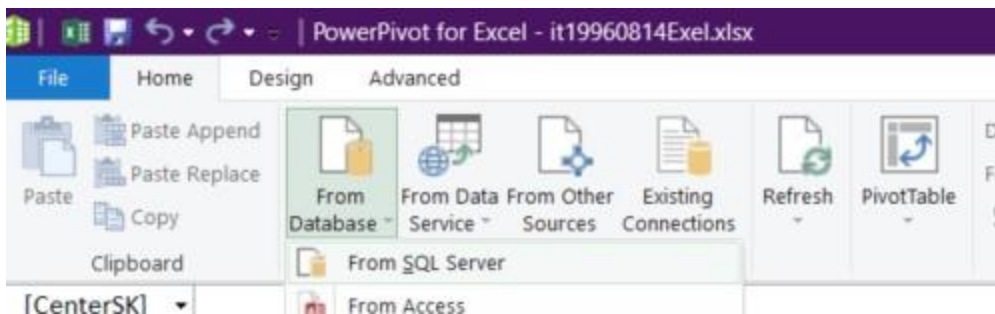


Table Import Wizard

?

×

Choose How to Import the Data

You can either import all of the data from tables or views that you specify, or you can write a query using SQL that specifies the data to import.

☒
Select from a list of tables and views to choose the data to import

☐
Write a query that will specify the data to import

< Back

Next >

Finish

Cancel

Table Import Wizard

?

×

Select Tables and Views

Select the tables and views that you want to import data from.

Server: ALWIS-PC

Database: IT19960814-DW

Tables and Views:

<input checked="" type="checkbox"/>	Source Table	Schema	Friendly Name	Filter Details
<input checked="" type="checkbox"/>	dimCenterInfo	dbo	dimCenterInfo	
<input checked="" type="checkbox"/>	dimCustomer	dbo	dimCustomer	
<input checked="" type="checkbox"/>	DimDate	dbo	DimDate	
<input checked="" type="checkbox"/>	dimMealInfo	dbo	dimMealInfo	
<input checked="" type="checkbox"/>	dimOrderInfo	dbo	dimOrderInfo	
<input checked="" type="checkbox"/>	FactCheckout	dbo	FactCheckout	
<input checked="" type="checkbox"/>	sysdiagrams	dbo	sysdiagrams	

Select Related Tables

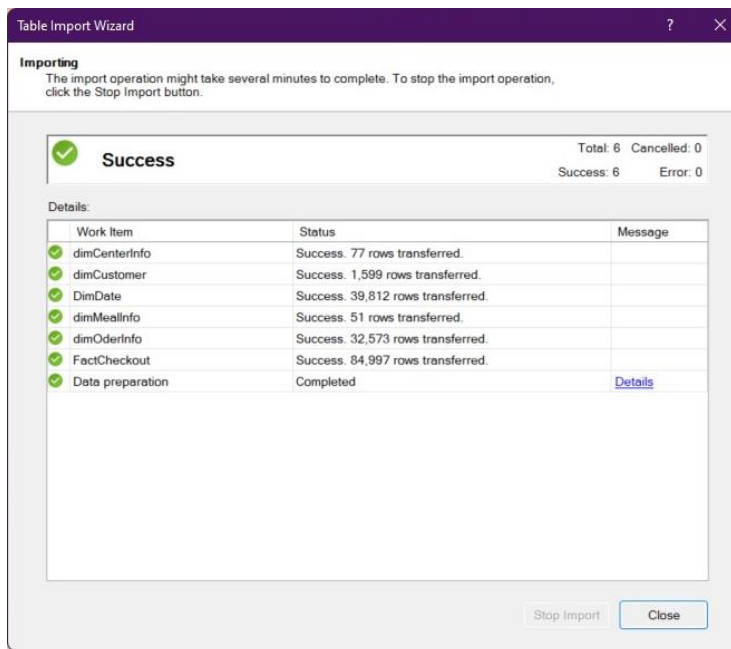
Preview & Filter

< Back

Next >

Finish

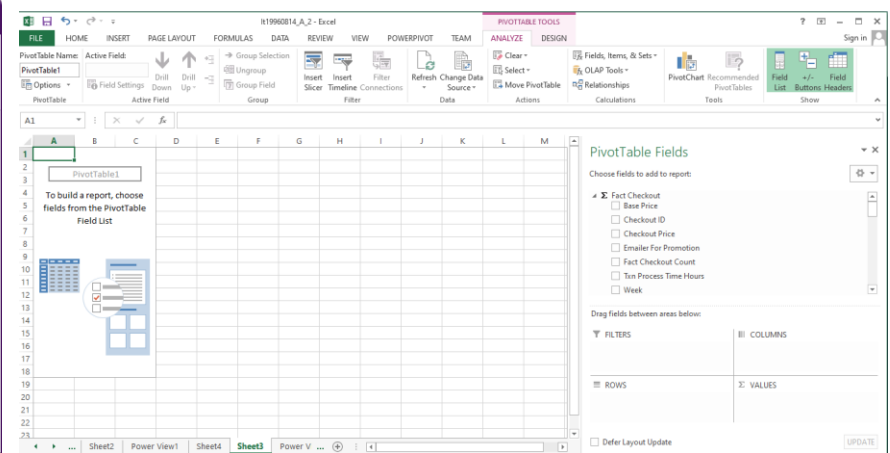
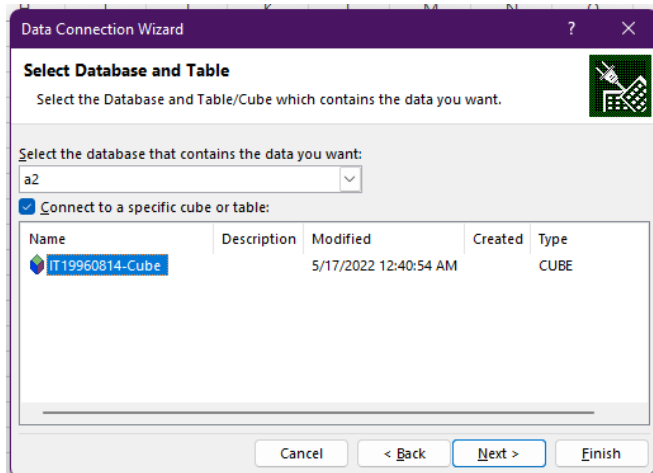
Cancel



Cent...	CenterAlternateID	City_code	region_code	center_type	op_area	InsertDate	ModifyDate	Add Column
1	10	590	56	TYPE_B	6.300000...	5/4/2022 7:...	5/12/2022 11:...	
2	11	679	56	TYPE_A	3.700000...	5/4/2022 7:...	5/12/2022 11:...	
3	13	590	56	TYPE_B	6.699999...	5/4/2022 7:...	5/12/2022 11:...	
4	14	654	56	TYPE_C	2.700000...	5/4/2022 7:...	5/12/2022 11:...	
5	17	517	56	TYPE_A	3.200000...	5/4/2022 7:...	5/12/2022 11:...	
6	20	522	56	TYPE_A	4	5/4/2022 7:...	5/12/2022 11:...	
7	23	698	23	TYPE_A	3.400000...	5/4/2022 7:...	5/12/2022 11:...	
8	24	614	85	TYPE_B	3.599999...	5/4/2022 7:...	5/12/2022 11:...	
9	26	515	77	TYPE_C	3	5/4/2022 7:...	5/12/2022 11:...	
10	27	713	85	TYPE_A	4.5	5/4/2022 7:...	5/12/2022 11:...	
11	29	526	34	TYPE_C	4	5/4/2022 7:...	5/12/2022 11:...	
12	30	604	56	TYPE_A	3.5	5/4/2022 7:...	5/12/2022 11:...	
13	32	526	34	TYPE_A	3.799999...	5/4/2022 7:...	5/12/2022 11:...	
14	34	615	34	TYPE_B	4.199999...	5/4/2022 7:...	5/12/2022 11:...	
15	36	517	56	TYPE_B	4.400000...	5/4/2022 7:...	5/12/2022 11:...	
16	39	526	34	TYPE_C	3.799999...	5/4/2022 7:...	5/12/2022 11:...	
17	41	590	56	TYPE_C	1.899999...	5/4/2022 7:...	5/12/2022 11:...	
18	42	561	77	TYPE_B	3.900000...	5/4/2022 7:...	5/12/2022 11:...	

Record: 1 of 77

Extract using cube

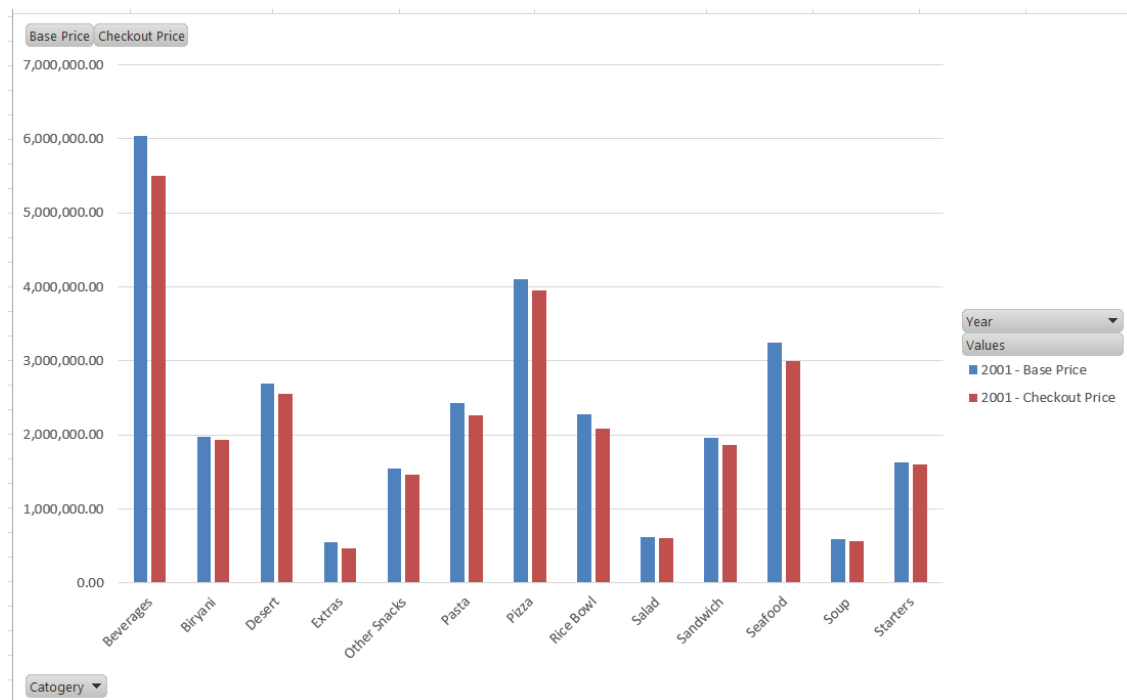


Excel report

Pivot

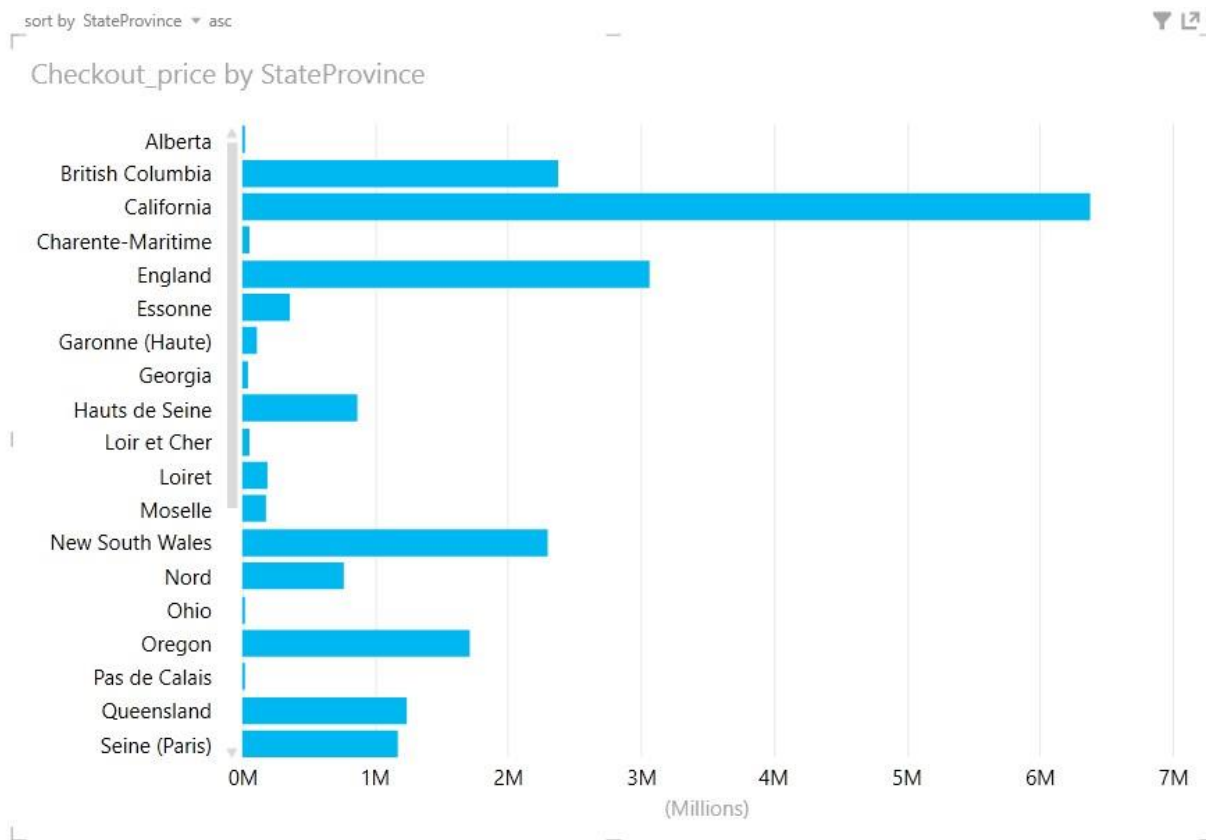
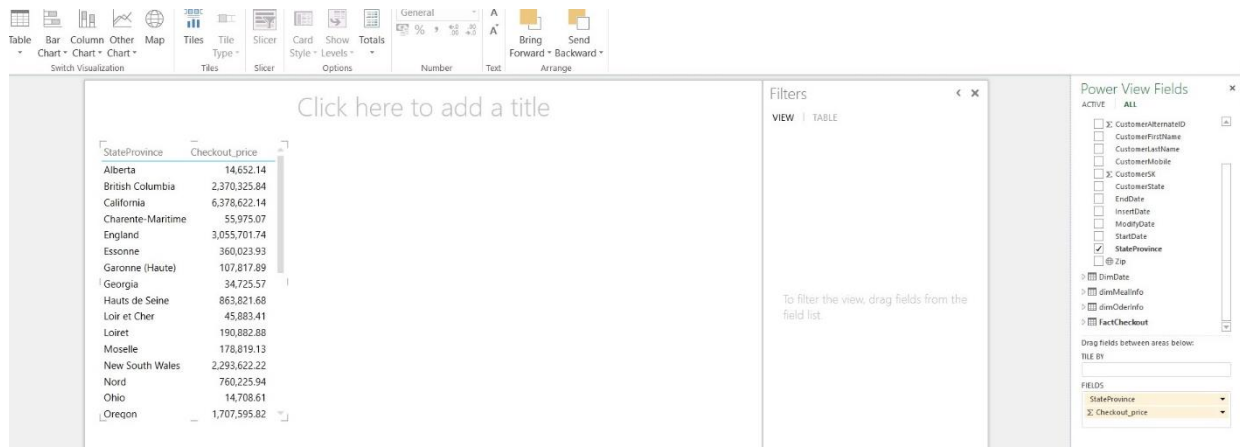
In the below pivot table, I have statically summarized the data. This summary includes base price ,check out price, category, month year, which the pivot table groups together in a descriptive manner in Category. And using this pivot table we can visualize our data by giving them a different perspective and view. We can rotate the axis of the dimension and see different pattern of the same data.

Column Labels				
2001				
Row Labels	Base Price	Checkout Price	Total Base Price	Total Checkout Price
Beverages	6,037,664.89	5506083.616	6,037,664.89	5506083.616
Biryani	1,977,686.93	1930685.218	1,977,686.93	1930685.218
Desert	2,687,293.71	2552620.43	2,687,293.71	2552620.43
Extras	556,456.67	467920.6699	556,456.67	467920.6699
Other Snacks	1,544,129.25	1463117.147	1,544,129.25	1463117.147
Pasta	2,437,344.51	2267181.103	2,437,344.51	2267181.103
Pizza	4,101,708.26	3948900.571	4,101,708.26	3948900.571
Rice Bowl	2,278,713.71	2082143.457	2,278,713.71	2082143.457
Salad	622,860.43	608371.6934	622,860.43	608371.6934
Sandwich	1,964,821.28	1870785.357	1,964,821.28	1870785.357
Seafood	3,251,116.61	2993932.339	3,251,116.61	2993932.339
Soup	595,824.78	566499.3714	595,824.78	566499.3714
Starters	1,631,535.50	1607999.347	1,631,535.50	1607999.347
Grand Total	29,687,156.51	27866240.32	29,687,156.51	27866240.32



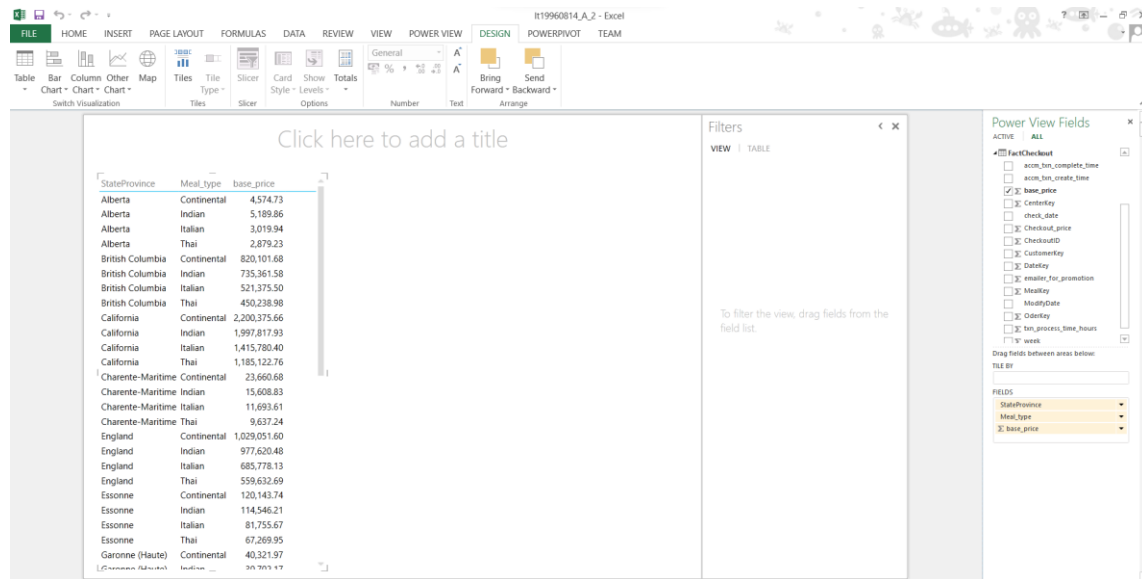
Slice

Rectangular subset of a cube, by choosing a single value for one of its dimensions. So here I have used a slicer to filter data in table and graph by State wise.

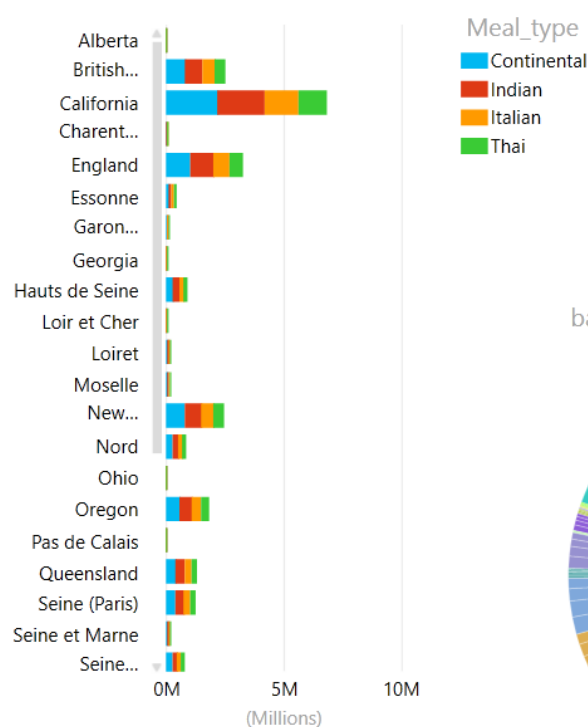


Dice

Selects two or more dimensions from a given cube and provides new sub-cube by selecting specific values on those selected dimensions. This report shows states specific values on those selected meal type.



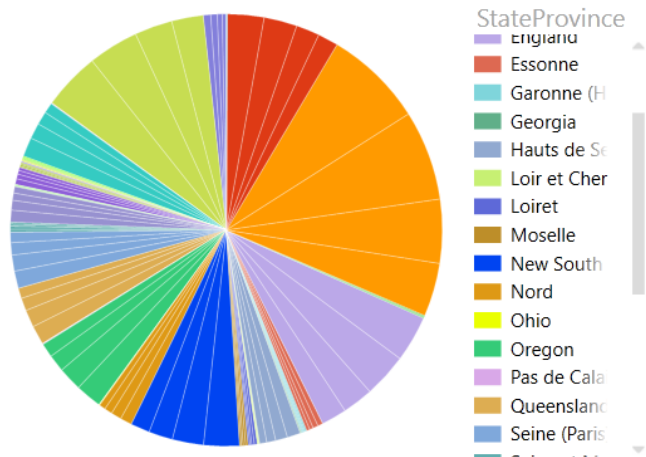
base_price by StateProvince, and Meal_type



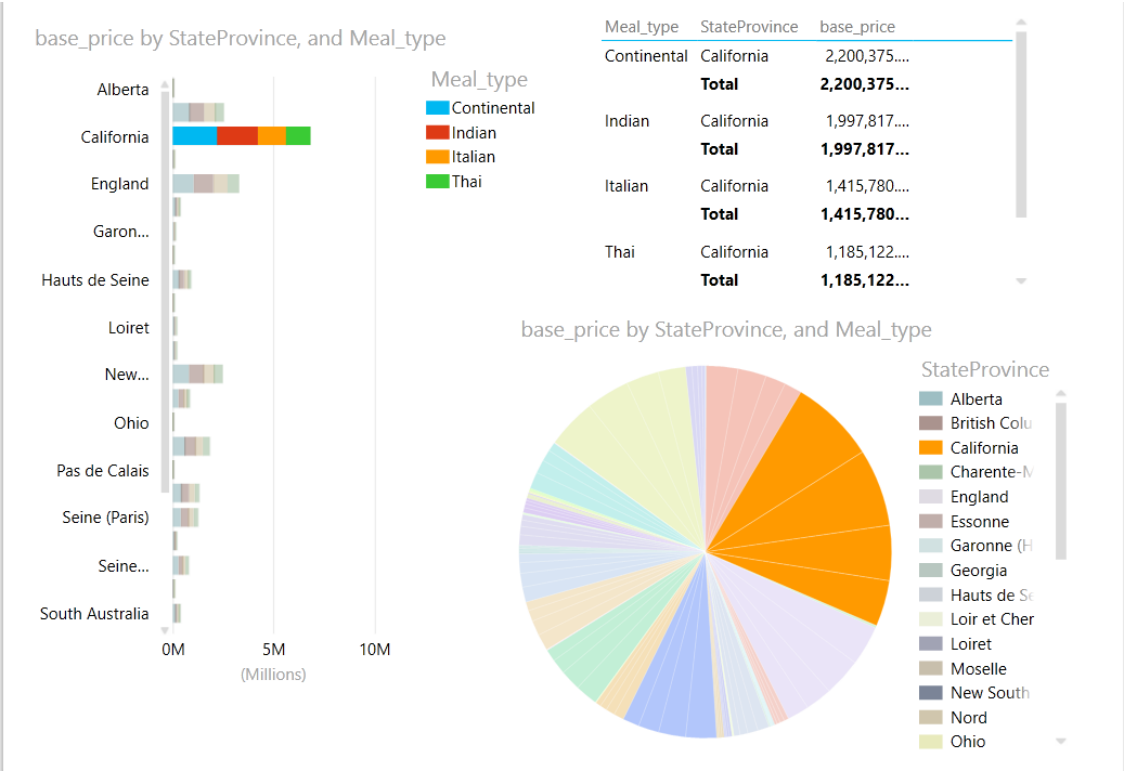
Meal_type StateProvince base_price

Continental	Alberta	4,574.73
	British...	820,101.68
	California	2,200,375....
	Charente-...	23,660.68
	England	1,029,051....
	Essonne	120,143.74
	Garonne...	40,321.97
	Georgia	10,752.08
	Hauts de Seine	300,489.37

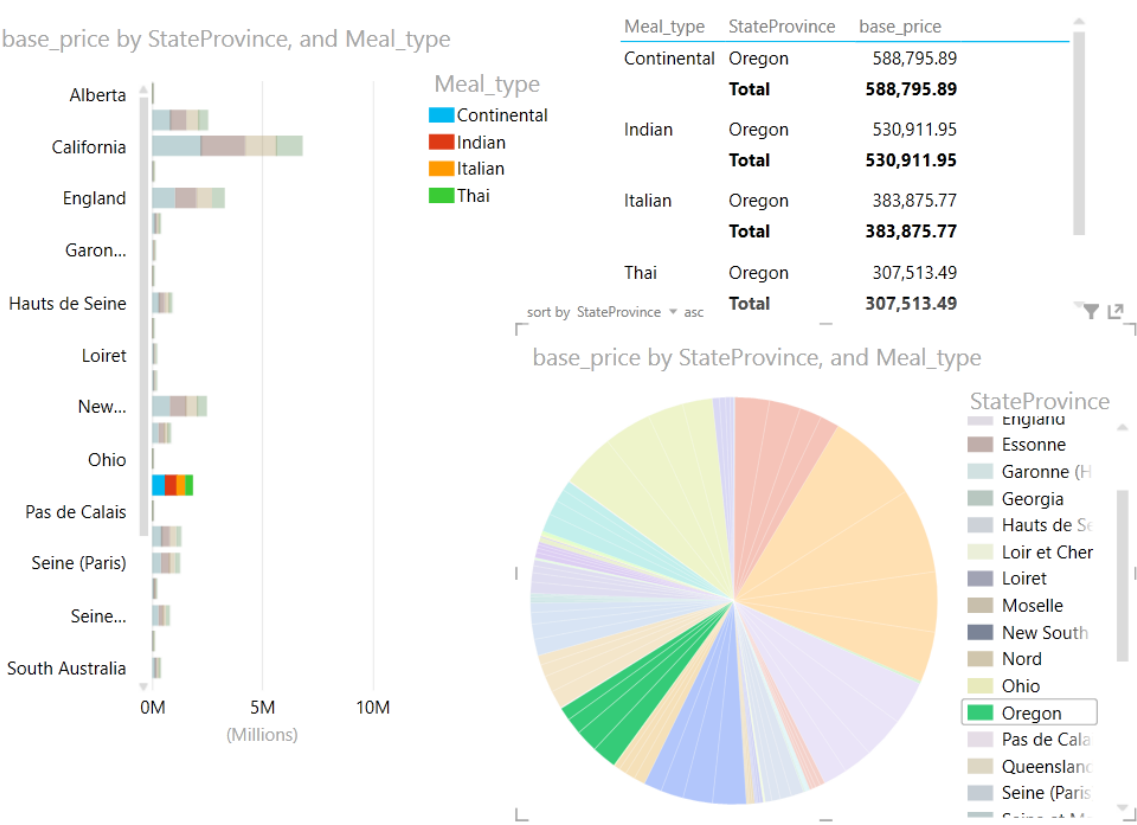
base_price by StateProvince, and Meal_type



As an instance in below figure, pie chart's highlighted area emphasizes all values of 4 of base prices different types belongs to state of California.



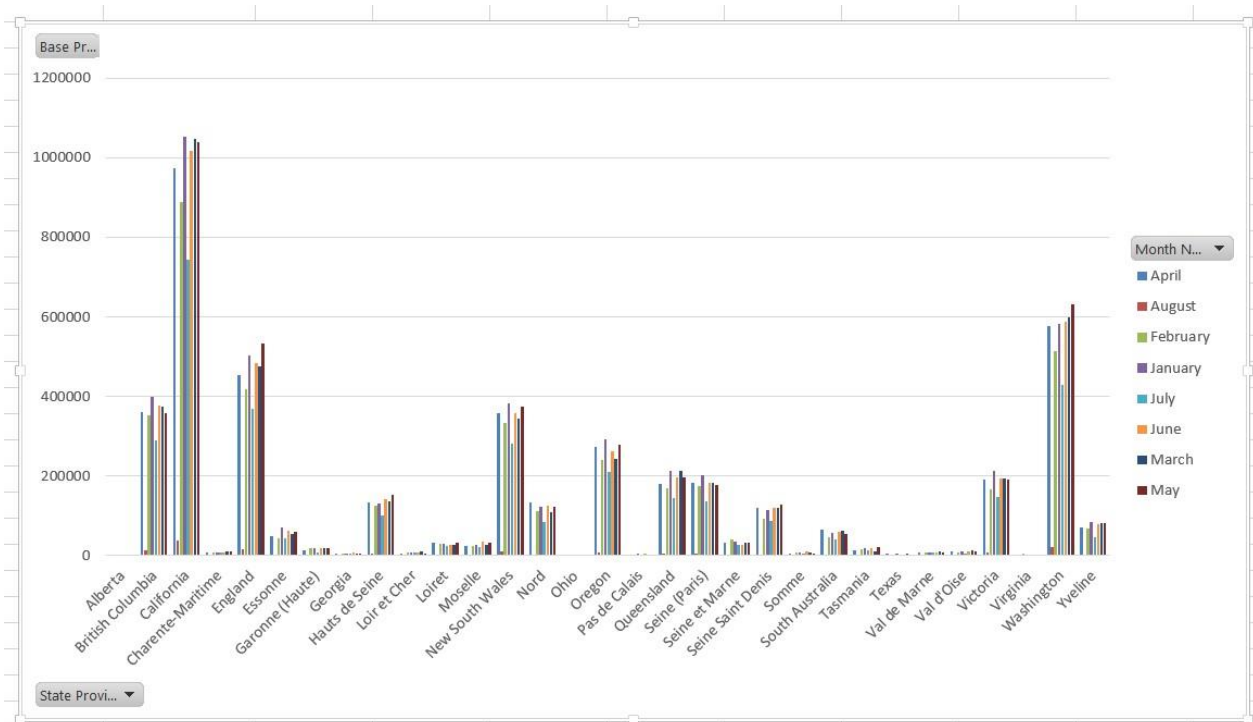
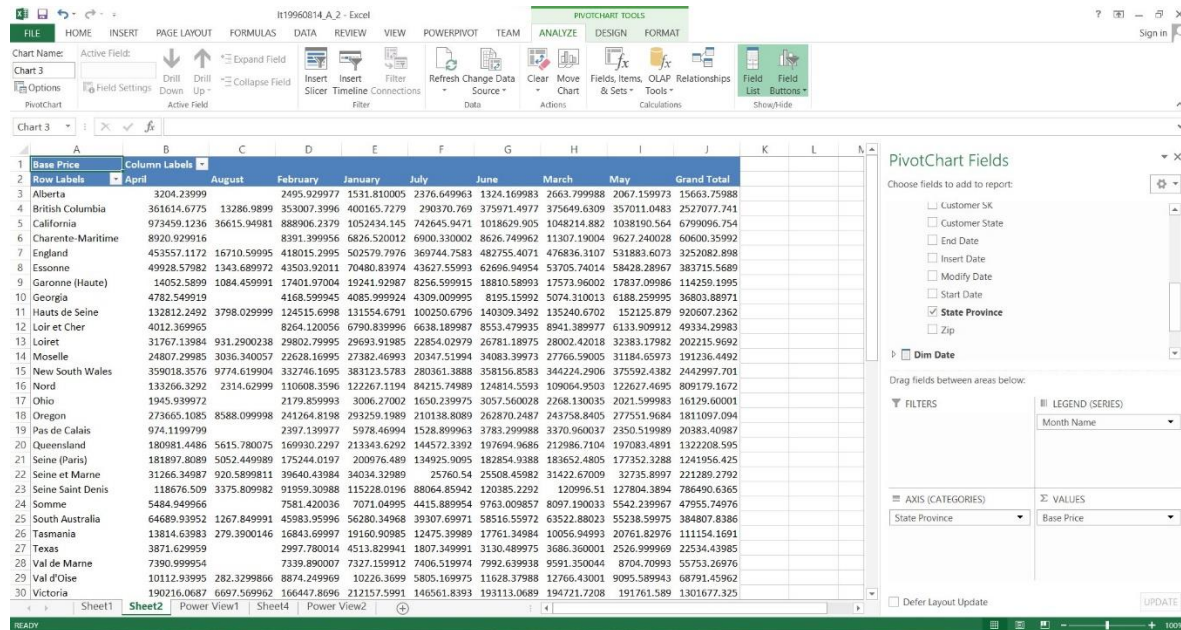
As an instance in below figure, pie chart's highlighted area emphasizes all values of 4 of base prices different types belongs to state of Oregon.



Roll-up and drill-down

Roll-Up

Climbing up a hierarchy of the dimension to aggregate data means the roll up OLAP operation in cubes



Drill Down

Stepping down a hierarchy of the dimension allowing navigation through details means the drill down OLAP operation in cube

FILEHOMEINSERTPAGE LAYOUTFORMULASDATA REVIEWVIEWPOWERPivotTEAMANALYZEDESIGN

CutCopyFormat PainterClipboardFontAlignmentNumberConditional Format as TableStyles

NormalBadGoodNeutralCalculationCheck Cell

InsertDelete FormatFillClearSort & Find & Filter - SelectEditing

N132613.38996124267

	H	I	J	K	L	M	N	O	P	Q	R	S
7		Base Price	Column Labels									
8		Row Labels	Apr-2001	Aug-2001	Feb-2001	Jan-2001	Jul-2001	Jun-2001	Mar-2001	May-2001	Grand Total	
9		Alberta	3204.23999		2495.929977	1531.810005	2376.649963	1324.169983	2663.799988	2067.159973	15663.75988	
10		Hervey Bay	3204.23999		2495.929977	1531.810005	2376.649963	1324.169983	2663.799988	2067.159973	15663.75988	
11		British Columbia	361614.6775	13286.9899	353007.3996	400165.7279	290370.769	375971.4977	375649.6309	357011.0483	2527077.741	
12		7guas Lindas de Goi�s		2341.87999	1558.030014	4113.189995	2278.800003	3646.560028	2663.890015	4207.399994	20809.75004	
13		7vila		2833.48999	2208.809967	2677.379991	2613.389961	1856.790009	2909.209961	2211.899956	17310.96983	
14		Alajuela		795.5500031	3846.37999	3813.279968	2094.350006	2504.929977	5048.269951	4304.189941	22406.94984	
15		Alkmaar		3275.019989	282.3299866	3574.62999	2852.219948	2390.439972	3268.169991	2680.229996	20954.82999	
16		Allahabad		1231.990005	505.4299927	3549.529999	4590.459991	2591.049988	989.5199738	1048.690018	2352.430008	
17		Allentown		1557.029968		1919.869995	2345.640007	2960.560028	3740.559952	1240.689972	4331.439972	
18		Alva		1668.579987		1835.389969	2842.279999	1484.249969	3065.409981	2929.549988	520.009945	
19		�pinal		1351.269974		2897.690033	3977.269958	2781.260071	3854.079971	2942.310043	3688.239944	
20		Ararat		3127.48996		2193.350014	3648.669971	2316.689972	1072.910004	2892.840042	3421.489983	
21		Bairnsdale		1954.789963		3459.259964	2605.599968	1867.48999	2541.579987	3992.76004	667.480011	
22		Ballarat		3254.559982	469.5400085	3405.969986	2965.620026	2821.030014	1936.360001	1438.599976	2427.11998	
23		Bargagli		1318.290009		1248.450012	5642.909981	525.8299866	3698.059967	2801.600006	2412.599991	
24		Barranca		1076.819977		3047.950012	2604.780014	2096.410004	2664.859985	3300.179993	2549.519958	
25		Baton Rouge		2327.209961		1433.839996	2940.309967	1742.330017	3287.659981	2111.930023	3488.510025	
26		Bergeggi		2476.649979		1902.410011	2918.970001	2318.47998	3431.279984	3336.070015	4101.429962	
27		Berlin		1298.920013		2008.109985	2666.830017	2294.199982	2433.939987	2339.850006	1577.36998	
28		Biez		2859.679993		2241.819992	1795.590019	2008.139969	1762.610016	3204.18	1068.119995	
29		Blind River		3029.489983		900.2500153	932.2599792	1291.160004	3697.029984	2451.490005	3368.079987	
30		Bor��s		2633.670013	260.9299927	2659.890015	5664.369957	2821.089966	4238.169983	925.5299988	3342.829987	
31		Brunn am Gebirge		2056.52002	163.0200043	960.3899841	1982.920013	2546.490021	1134.990021	4381.910049	1204.889977	
32		Bussolengo		3835.709961		2664.889984	1701.530006	2088.589966	3123.669968	1687.010025	1564.730011	
33		Butte		7402.759979		1737.509979	4110.160049	1477.519989	2924.759949	2530.000046	1931.419998	
34		Capibdo		4655.119934		1436.719986	3730.860023	2810.39003	3222.699989	1876.25	1361	
35		Canora		3674.749969	616.9500122	1630.690002	2193.319977	1989.649994	3513.699951	2768.530029	4644.689957	
36		Cap-Rouge		3298.119949	280.3299866	2482.350021	2473.769989	1873.220001	1290.249985	3354.620056	2477.499985	

PivotTable Fields

Choose fields to add to report:

Week

KPIs

☐ Dim Center Info☐ Center Alternative ID☐ Center SK☐ Center Type☐ City Code☐ Insert Date

Drag fields between areas below:

FILTERS

MONTH YEAR

ROWS

State ProvinceCity

COLUMNS

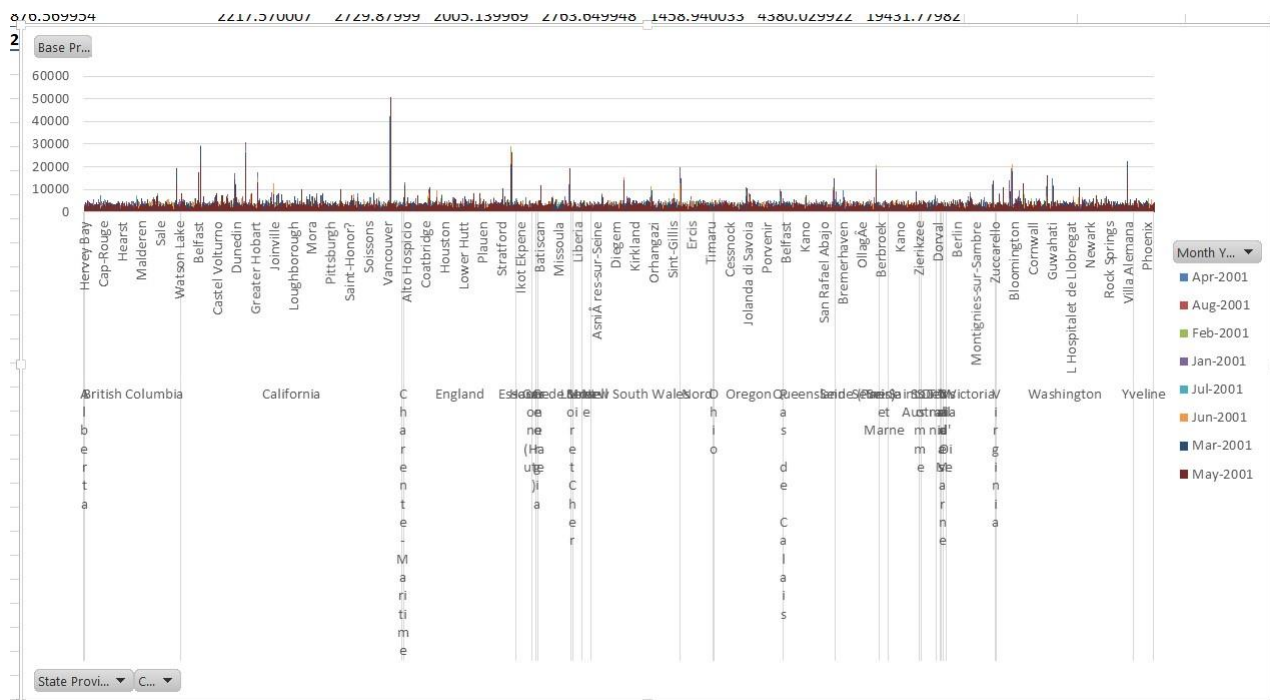
Month Year

VALUES

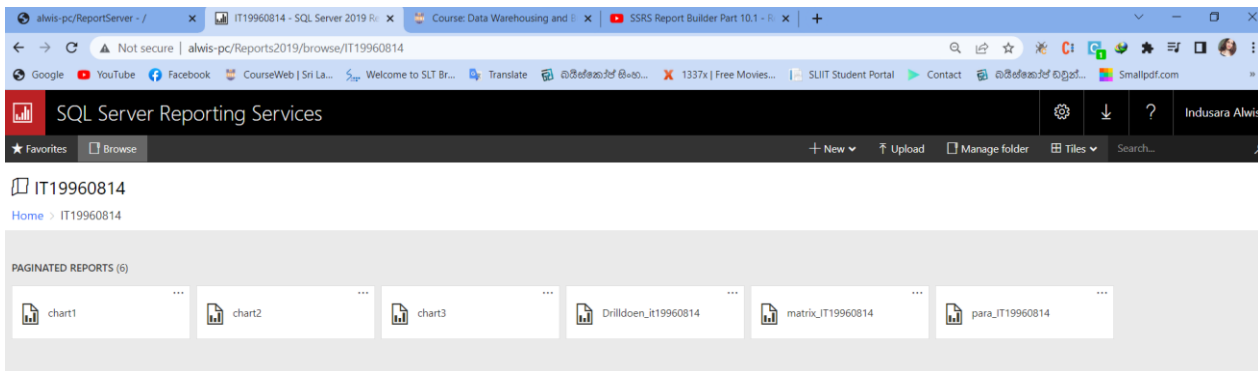
Base Price

Defer Layout Update

UPDATE



Step 4: SSRS Reports



Report 1: Report with a matrix

- A) Using Report Builder tool define the data set
(Use a data set embedded in my report -> New -> declare the DW)
- B) In Query Designer define the relationship between fact table and other dimensions.
- C) Insert -> Matrix -> Matrix wizard and declare the row groups and column groups and measures.
- D) Row group : Meal Type, Category
Column group : Month Name
Measures : base price

Design view

	Meal type	Catogery	[MonthName]	Total
	[Meal_type]	[Catogery]	Sum(base_price	um(base_price
		Total	Sum(base_price	Sum(base_price
	Total		um(base_price	um(base_price

Preview

Meal type	Catogery	April	August	February	January	July	June	March	May	Total
Continental	Total	1397969.51098633	41329.8300170898	1304610.01171875	1484092.95254517	1059034.64761353	1417569.70977783	1473709.04452515	1456281.35992432	9634597.06710815
Indian	Total	1256431.30220032	42105.3597106934	1167162.70455933	1429959.66410828	868490.916435242	1202596.68621826	1304629.35627747	1304441.28451538	8575817.27402496
Italian	Total	873905.988456726	37106.2802429199	756101.666870117	891430.903305054	798070.931411743	1053620.5118103	866797.737869263	1022015.65223694	6299049.67220306
Thai	Total	761080.370101929	24580.159576416	700484.000144958	803430.068702698	559115.320304871	761329.866928101	781651.820045471	786020.889457703	5177692.49526215
Total		4289387.1717453	145121.629547119	3928358.38329315	4608913.58866119	3284711.81576538	4435116.7747345	4426787.95871735	4568759.18613434	29687156.5085983

Final report view

alwis-pc/ReportServer - /

matrix_IT19960814 - SQL Server

+

Not secure | alwis-pc/Reports2019/report/IT19960814/matrix_IT19960814

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Translate

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Contact

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SQL Server Reporting Services

⚙️

⬇️

?

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💬 Comments

Home > IT19960814 > matrix_IT19960814

1 of 1

100%

Find | Next

Meal type	Catogery	April	August	February	January	July	June	March	May	Total
Continental	Total	1397969.51098633	41329.8300170898	1304610.01171875	1484092.95254517	1059034.64761353	1417569.70977783	1473709.04452515	1456281.35992432	9634597.06710815
Indian	Beverages	234,257.15	10,177.50	201,467.12	269,317.92	173,800.57	254,442.59	247,563.94	241,096.16	1632122.93097687
	Biryani	279,612.13	7,961.33	291,452.59	349,505.24	197,035.69	249,127.37	307,950.90	295,041.67	1977686.92999268
	Desert	407,821.70	13,202.60	362,676.44	443,148.18	256,594.62	366,255.45	411,866.97	425,727.75	2687293.70605469
	Rice Bowl	334,740.33	10,763.93	311,566.56	367,988.33	241,060.04	332,771.28	337,247.55	342,575.71	2278713.70700073
	Total	1256431.30220032	42105.3597106934	1167162.70455933	1429959.66410828	868490.916435242	1202596.68621826	1304629.35627747	1304441.28451538	8575817.27402496
Italian	Total	873905.988456726	37106.2802429199	756101.666870117	891430.903305054	798070.931411743	1053620.5118103	866797.737869263	1022015.65223694	6299049.67220306
Thai	Total	761080.370101929	24580.159576416	700484.000144958	803430.068702698	559115.320304871	761329.866928101	781651.820045471	786020.889457703	5177692.49526215
Total		4289387.1717453	145121.629547119	3928358.38329315	4608913.58866119	3284711.81576538	4435116.7747345	4426787.95871735	4568759.18613434	29687156.5085983

Report 2 : Report with more than one parameter

A) Define the data set (use a data set embedded in my report -> New -> declare the DW) B)

In Query Designer write a query to get all the customer states

C) Declare a parameter and set “available values” to “Get values from a query” and set previous declared data set into it.

D) Define another data set to get customer city according to state(pass the state parameter value into where clause)

E) After declaring a new parameter and set correct data set(2nd data set)

F) After that as the first report follow the steps and set the column values , Row values and measures.

G) Row group : State , City

Column group : Month Name

Measures : Base price

Design view

Customer Sta	City	[MonthName]	Total
[CustomerState]	[City]	[Sum(base_pric	[Sum(base_pri
	Total	[Sum(base_pric	[Sum(base_pric
Total		[Sum(base_pri	[Sum(base_pri

Preview

Microsoft Report Builder interface showing a preview of a report. The report displays data for various locations (Customer State, City) across months (April, August, February, January, July, June, March, May) and a Total column. The data is organized into a table with multiple rows and columns.

Customer State	City	April	August	February	January	July	June	March	May	Total	
Ile-de-France	Asnières-sur-Seine	1826.71997833	151.380004882	2023.59997558	3597.17999267	2076.94998168	2434.85000610	2903.44998168	3440.91996765	18455.04988	
	Aubervilliers	8332.86991882		5465.31002044	6945.77005004	5433.41999816	6720.54997253	4368.23999023	5465.27997589	42731.43992	
	Levallois-Perret	3048.91998291		2147.82000732	1802.50000762	804.219985961	2551.22000122	2822.91003417	2292.44001770	15470.03003	
	Nanterre	2709.54000854		2286.52998352	2653.33996582	2540.66998291	2580.40997314	1639.42001342	4085.11999511	18495.02992	
	Rueil-Malmaison	2935.42997741		3049.85993957	3139.21994018	483.119995117	2552.39997863	3072.23001861	2976.13995361	18208.39980	
	Total	18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
	A	Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
		Quesada	4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980
San Rafael		4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
Total		21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
A estergãlands láežn		Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
	AB	Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
Boo		4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
Breton		2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
Total		18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
A		Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
	Quesada	4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
	San Rafael	4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
	Total	21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
	A estergãlands láežn	Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
AB		Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
	Boo	4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
	Breton	2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
	Total	18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
	A	Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
Quesada		4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
San Rafael		4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
Total		21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
A estergãlands láežn		Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
	AB	Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
Boo		4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
Breton		2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
Total		18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
A		Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
	Quesada	4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
	San Rafael	4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
	Total	21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
	A estergãlands láežn	Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
AB		Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
	Boo	4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
	Breton	2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
	Total	18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
	A	Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
Quesada		4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
San Rafael		4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
Total		21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
A estergãlands láežn		Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
	AB	Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
Boo		4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
Breton		2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
Total		18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
A		Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
	Quesada	4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
	San Rafael	4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
	Total	21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
	A estergãlands láežn	Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
AB		Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
	Boo	4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
	Breton	2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
	Total	18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
	A	Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
Quesada		4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
San Rafael		4518.68003082		3976.35998535	4758.32999420	2717.24000549	4596.15995788	4294.60997772	7276.59992980	32137.97988	
Total		21685.1501083	1568.61001586	23140.6298828	27479.5898666	16985.3198776	20687.3199310	27638.6698837	29781.4897689	168966.779335	
A estergãlands láežn		Total	11747.8099822	292.029998779	9824.05994415	14189.2999267	9810.59991455	12496.7699432	13333.0299606	12738.9399719	84432.5396423
	AB	Bonnyville	2772.53001403		3321.60997009	2581.44001007	2399.05000305	1546.29996490	2104.20002746	2870.34999084	17595.47998
Boo		4984.48997497		3556.16998291	7799.43001556	5736.21004486	5625.56999969	3876.36001586	4528.28997039	36106.52000	
Breton		2830.69998931	154.259994506	1605.43998718	4685.36996459	1158.26998901	4195.67002105	2517.32998657	5281.91998291	22428.95991	
Total		18853.4798660	151.380004882	14973.1199264	18138.0099563	11338.3799438	16839.4299316	14806.2500381	18259.8999099	113359.949577	
A		Alajuela	12307.3800354	840.079986572	14992.7899246	17913.5198974	9496.16996002	13699.7799835	18162.8999710	18001.8198852	105414.4396
	Quesada	4859.09004211	728.530029296	4171.47997283	4807.73997497	4771.90991210	2391.37998962	5181.15993499	4503.06995391	31414.35980	
	San Rafael	4518.68003082		3976.35998535	4758.32999420	2717.24000549					

Report 3 : SSRS Drill-down Report

A) As the earlier define the data set and follow the steps

B) In Column and Row groups set multiple categories into Row group C) Row group : State , CustomerFName , CustomerLName , CustomerAddress

Measures : week , base price

Design view

State Province	Customer First Name	Customer Last Name	Customer Address	base price	week
Alberta	Griffin	Murphy	Ap #639-2736 Facilis. Av.	15663.7598800 659	759
		Total		15663.7598800 659	759
				15663.7598800 659	759
	Total			15663.7598800 659	759
British Columbia	Total			2527077.74086 761	110012
California	Total			6799096.75415 802	296132
Charente-Maritime	Allegra	Burns	P.O. Box 790, 8986 Vel. Rd.	20507.4198989 868	862
		Total		20507.4198989 868	862
				20507.4198989 868	862
	Darrel	Total		17630.4900131 226	789
	Drew	Total		22462.4500045 776	1011
	Total			60600.3599166 87	2662
England	Total			3252082.89756 775	142860
Essonne	Total			383715.568916 321	16673
Garonne (Haute)	Total			114259.199523 926	4768

Preview

State Province	Customer First Name	Customer Last Name	Customer Address	base price	week
StateProvince	CustomerFirst	CustomerLast	CustomerAdd	Sum(base_pric	Sum(week)
		Total	Total	Sum(base_pric	Sum(week)
				Sum(base_pric	Sum(week)
	Total			Sum(base_pric	Sum(week)
Total				Sum(base_pri	Sum(week)

[&ExecutionTime]

Final report view

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SSRS Report Builder Part 10.1 - ...

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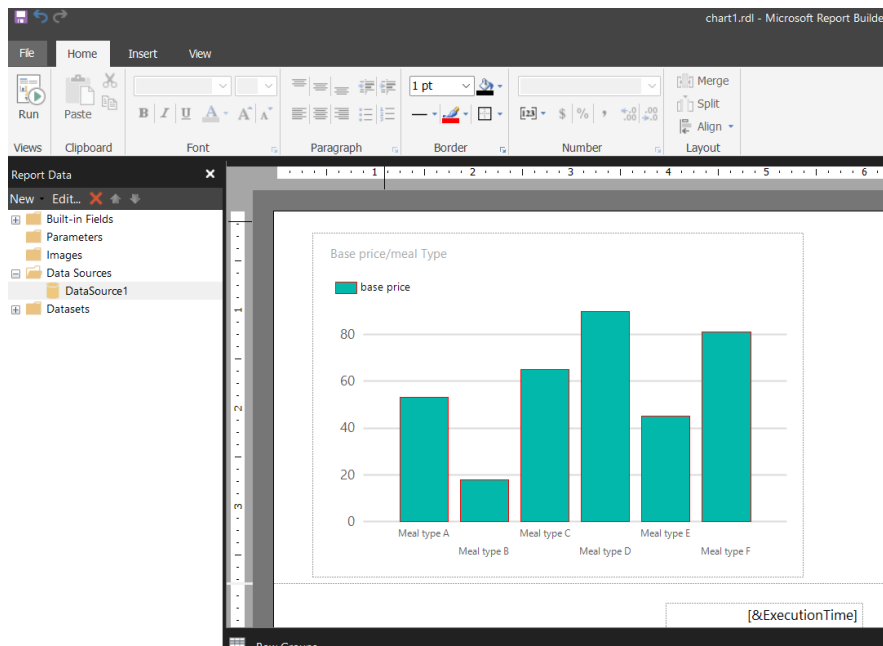
Find | Next

State Province	Customer First Name	Customer Last Name	Customer Address	base price	week
Alberta	Griffin	Murphy	Ap #639-2736 Facilis. Av.	15663.7598800 659	759
			Total	15663.7598800 659	759
			Total	15663.7598800 659	759
	Total	15663.7598800 659	759		
British Columbia	Total			2527077.74086 761	110012
California	Total			6799096.75415 802	296132
Charente- Maritime	Total			60600.3599166 87	2662
England	Total			3252082.89756 775	142860
Essonne	Total			383715.568916 321	16673
Garonne (Haute)	Total			114259.199523 926	4768
Georgia	Total			36803.8897094 727	1765
Hauts-de	Total			920607.236183	40364

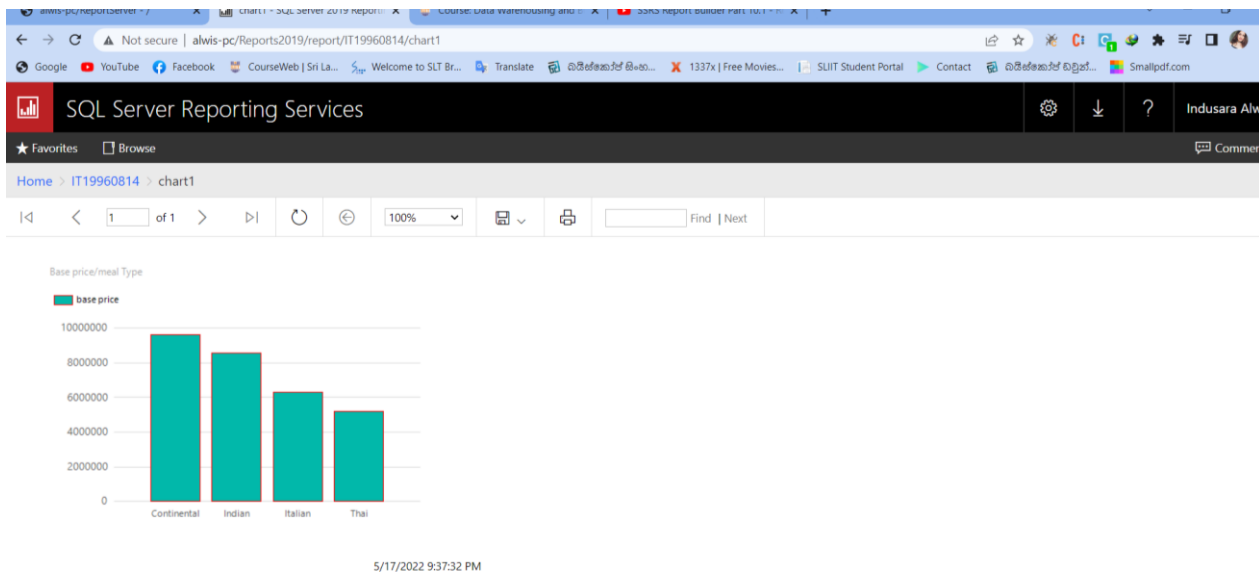
Report 4 : SSRS Drill-Through Report

- A) As before creating 2 reports with charts
- B) Categories : meal type ,Values : base price

Preview

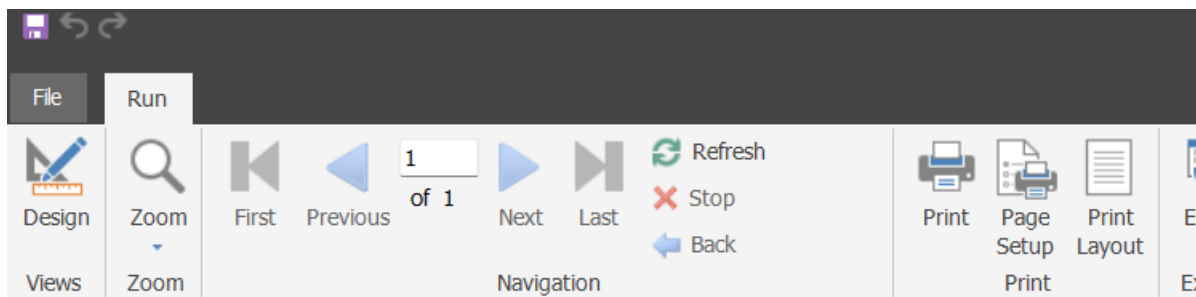


Final report view

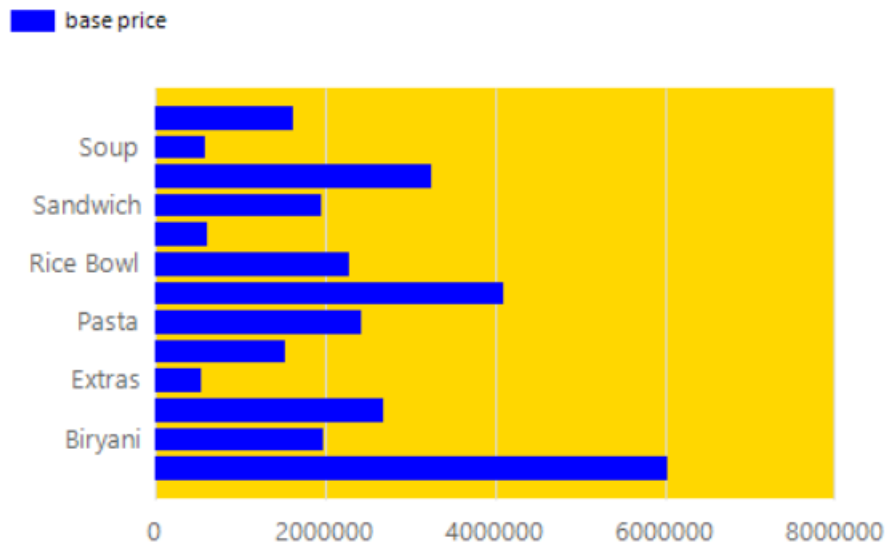


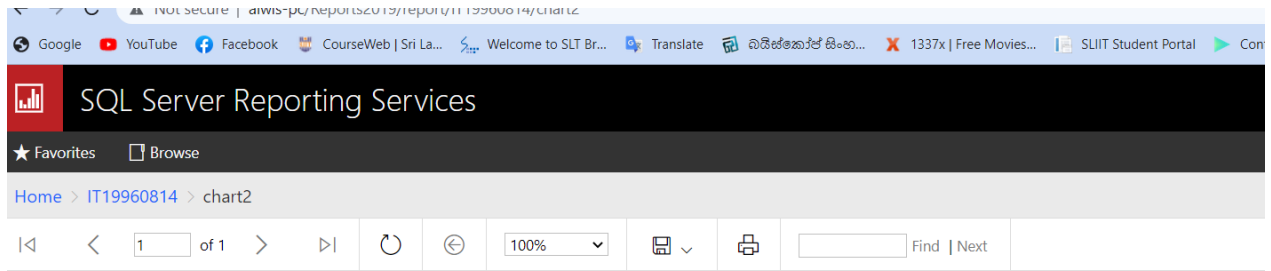
Categories : category, Values : base price

Preview



Catogery/Base price



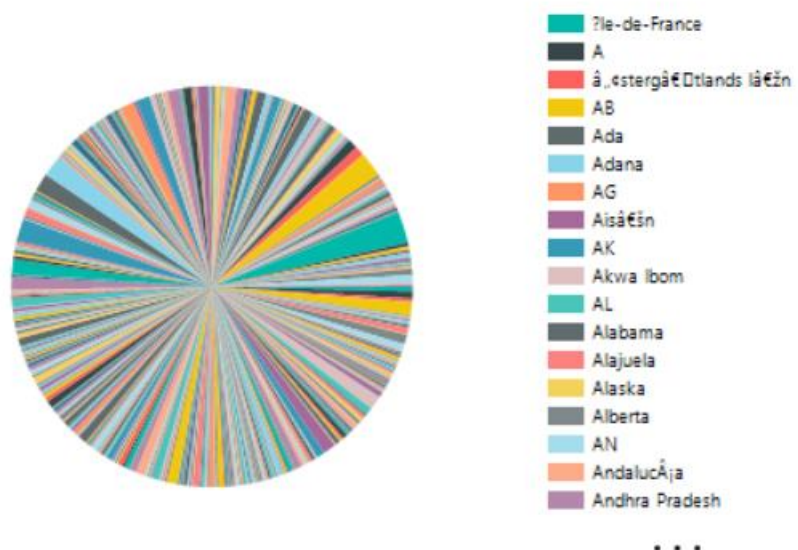


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Preview

Categories : customer state, Values : checkout price

Customer state / checkout price



Final report view

