

## 1.Screen shot of the ETL

View Design

Entries

- General
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Welcome! main-job load-dimensions load\_dim\_Customer load-dim-geography load-master load-facts

100%

Main job

```
graph LR; START[START] --> extract[extract]; extract --> transform[transform]; transform --> load[load]; load --> Success[Success];
```

Execution Results

History Logging Job metrics Metrics

Job / Job Entry	Comment	Result	Reason	Filename	Nr
main-job					
Job: main-job	Start of job execution		start		2017/11/2
START	Start of job execution		start		2017/11/2
START	Job execution finished	Success			0 2017/11/2
extract	Start of job execution		Followed unconditional link	/Users/jeevithm/Desktop/IT...	2017/11/2
Job: extract-master					
extract	Job execution finished	Success		/Users/jeevithm/Desktop/IT...	1 2017/11/2
transform	Start of job execution		Followed link after success	/Users/jeevithm/Desktop/IT...	2017/11/2
Job: transform-master					
transform	Job execution finished	Success		/Users/jeevithm/Desktop/IT...	2 2017/11/2
load	Start of job execution		Followed link after success	/Users/jeevithm/Desktop/IT...	2017/11/2
Job: load-master					

## Audit query

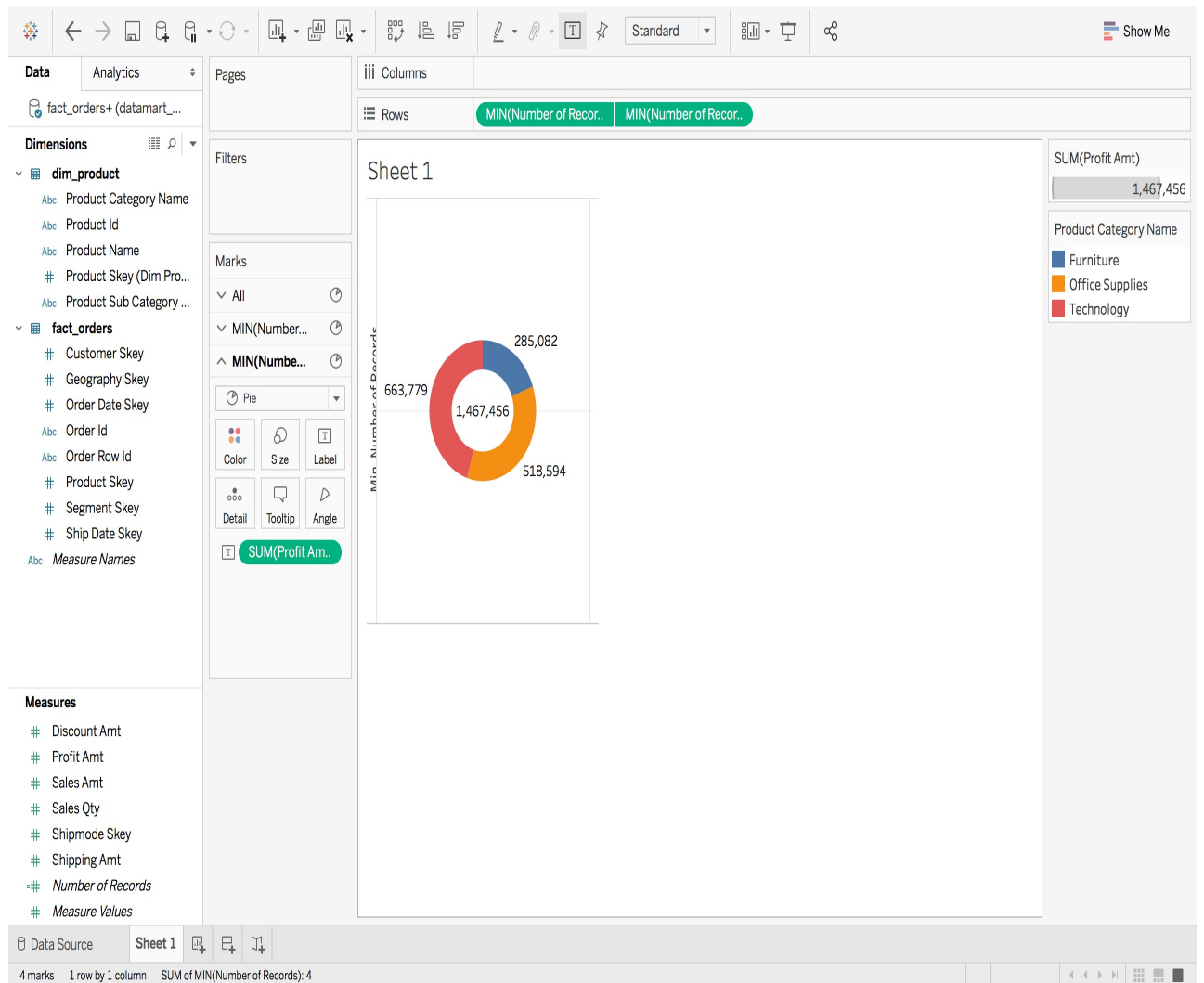
```

2 SELECT group_seq
3     , MAX(IF(table_type = 'source', table_name, NULL)) AS source
4     , MAX(IF(table_type = 'target', table_name, NULL)) AS target
5     , SUM(IF(table_type = 'source', audit_value, NULL)) AS source_value
6     , SUM(IF(table_type = 'target', audit_value, NULL)) AS target_value
7     , IF (SUM(IF(table_type = 'source', audit_value, NULL)) = SUM(IF(table_type = 'target', audit_value, NULL)), 'PASS', 'FAIL') audit_result
8 FROM
9     (
10         /* Fact Granularity */
11         SELECT 1 AS group_seq, 'source' AS table_type, 'gs_orders count' AS table_name, COUNT(*) AS audit_value
12             FROM source_db.gs_orders
13             UNION ALL
14         SELECT 1 AS group_seq, 'target' AS table_type, 'fact_orders count' AS table_name, COUNT(*) AS audit_value
15             FROM datamart_db.fact_orders
16
17         UNION ALL
18
19         /* Order Date and Ship Date */
20         SELECT 2 AS group_seq, 'source' AS table_type, 'gs_orders data_diff' AS table_name,
21             SUM(CONVERT(DATE_FORMAT('Ship Date', '%Y%m%d'), signed integer) - CONVERT(DATE_FORMAT('Order Date', '%Y%m%d'), signed integer)) AS audit_value
22             FROM source_db.gs_orders
23             UNION ALL
24         SELECT 2 AS group_seq, 'target' AS table_type, 'fact_orders date_diff' AS table_name, SUM(ship_date_skey - order_date_skey) AS audit_value
25             FROM datamart_db.fact_orders
26
27         UNION ALL
28
29         /* State Information */

```

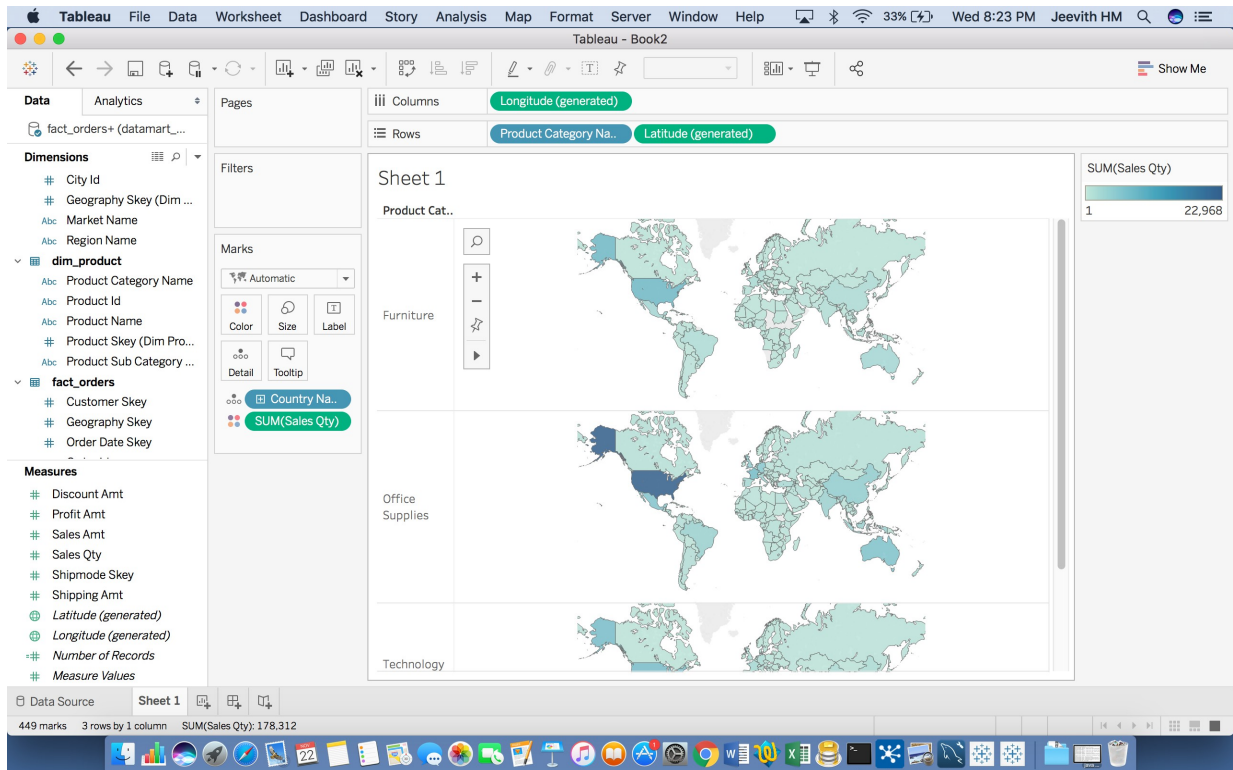
Query Favorites		Query History		Run Selection	
up_seq	source	target	source_value	target_value	audit_result
1	gs_orders count	fact_orders count	51290	51290	PASS
2	gs_orders data_diff	fact_orders date_diff	7234168	7234168	PASS
3	stg_city count	dim_geography count	3856	3856	PASS

## 1.Donut chart



Here I am comparing the profit amount with the category by donut chart

2.



Here I am comparing the product category

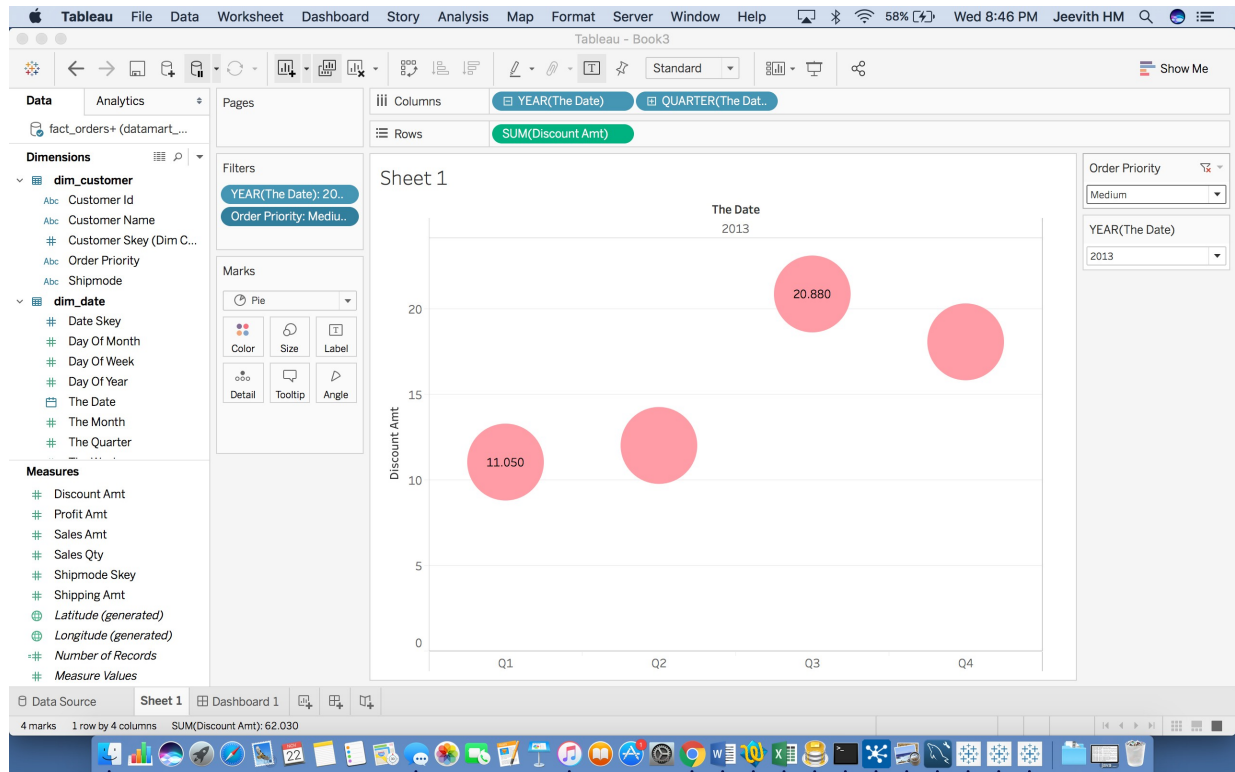
Furniture

Office suppliers

Technology

With world map showing against the sales quantity with 3 colors

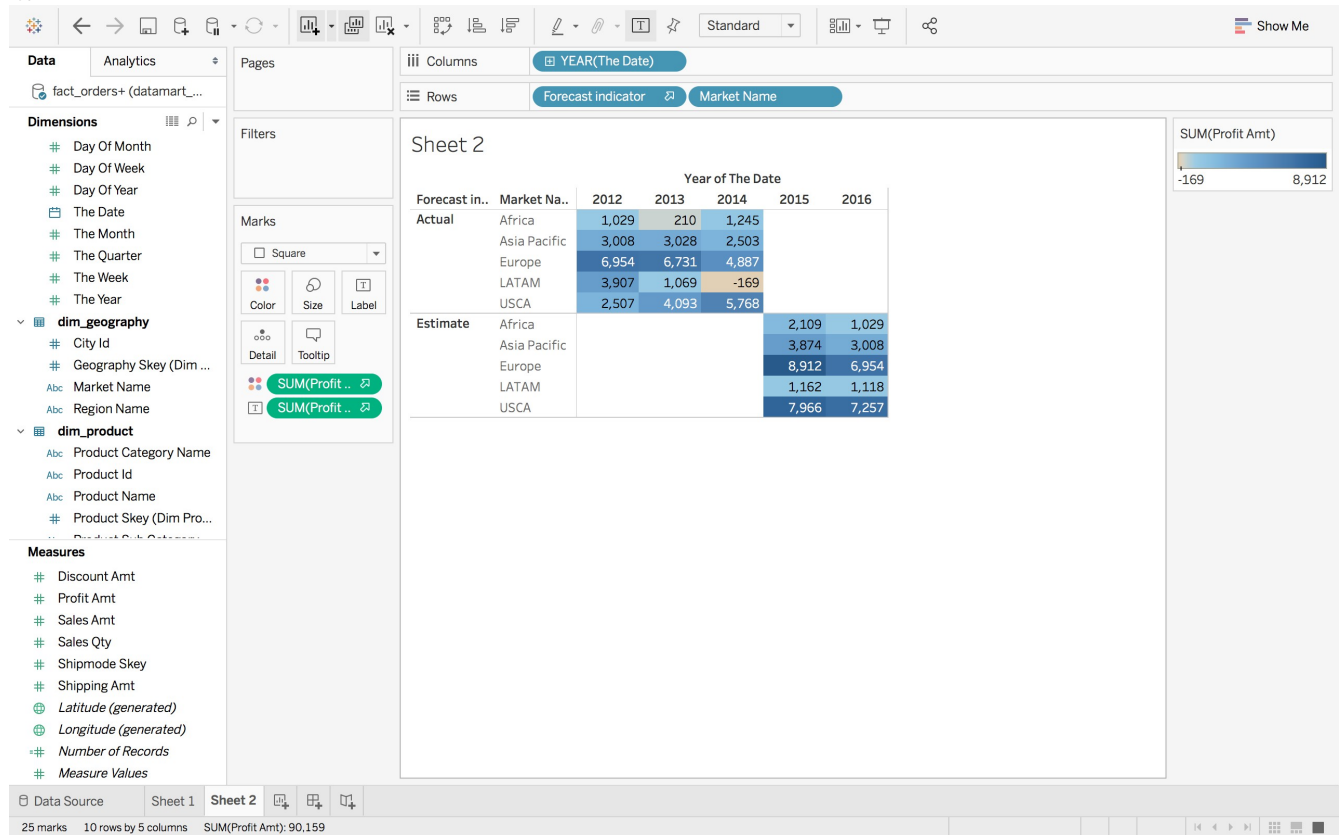
3.



Here I am performing the Discount amount v/s Year (Quarter, month) we can select I created a date in such a way..

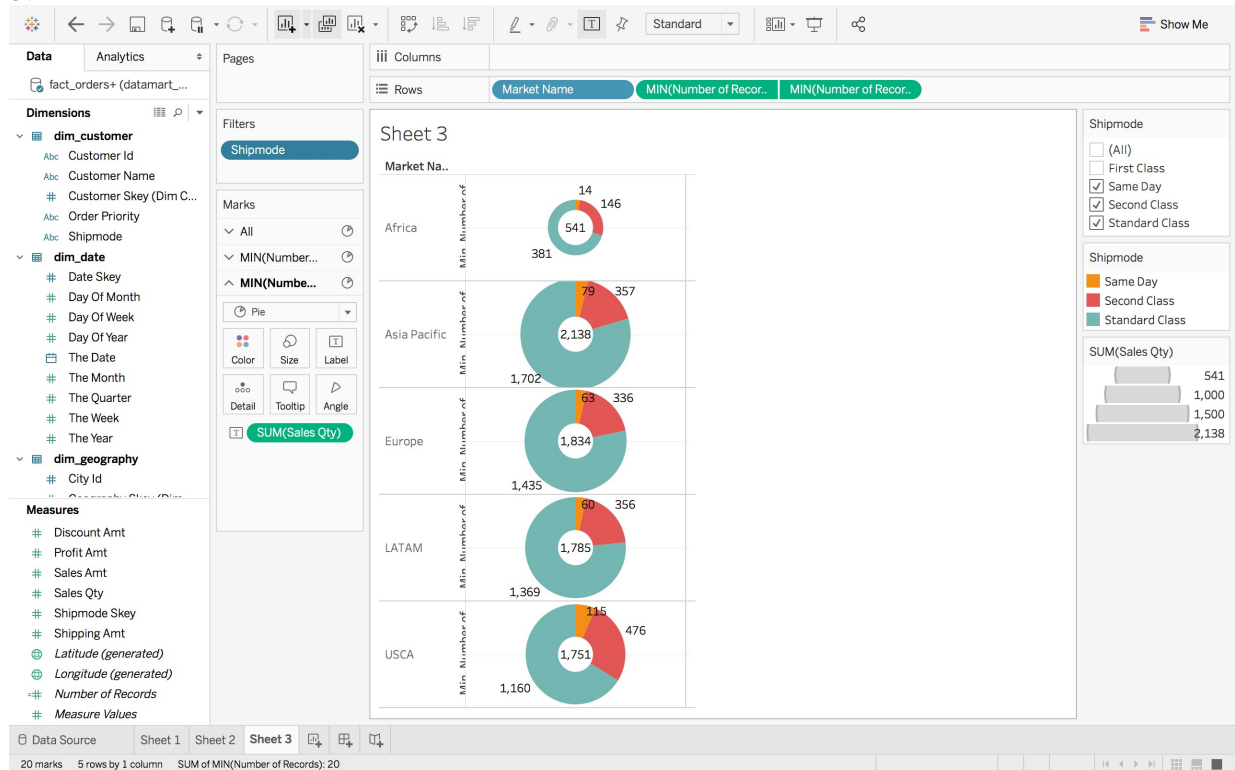
And also I created a dropdown box for the Order priority and Year so that we can get to know which are in which year the discount amount is higher for the respective order priority

4.



In this we are forecasting the result for the upcoming year 2016 and 2017 based on the previous year profit amount...with Market Name

5.



This graph shows the Market wise sales with donut chart having an filter with the ship mode we can see in market place the sales has been high for which shipping mode and all