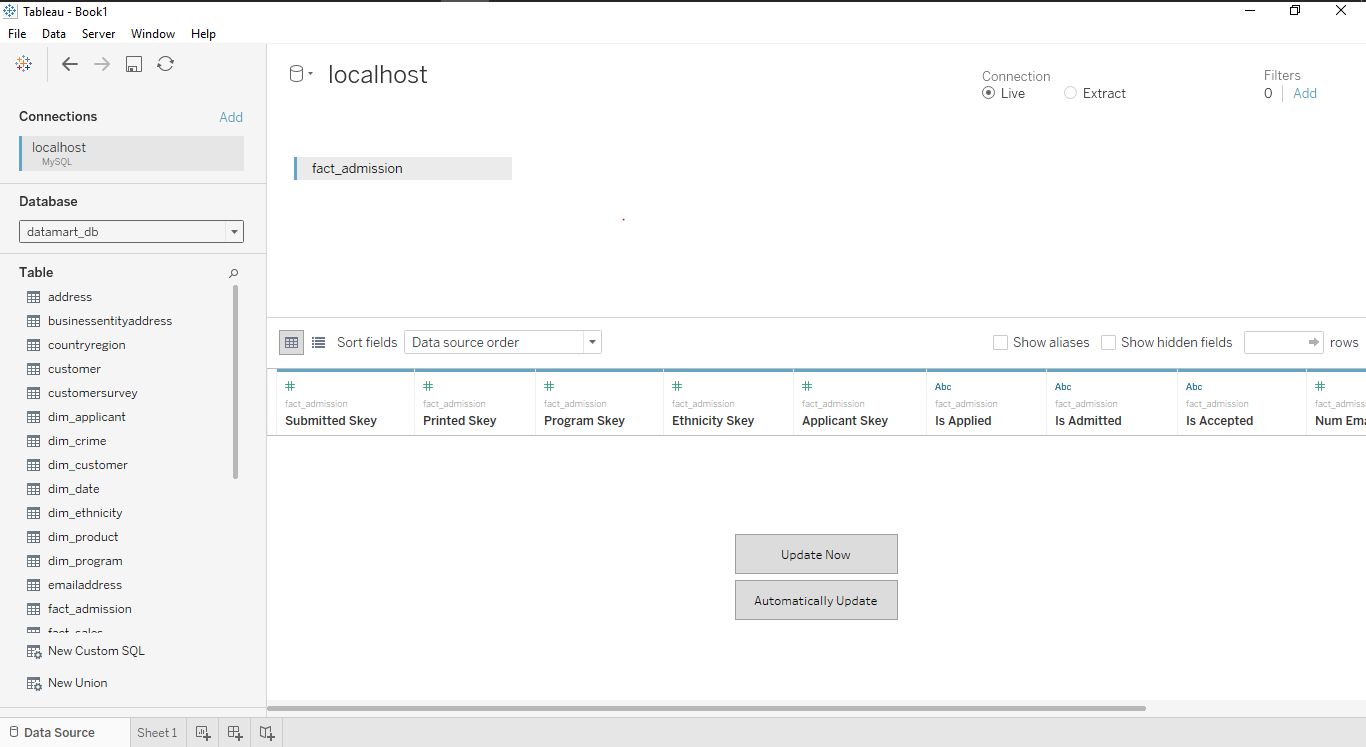
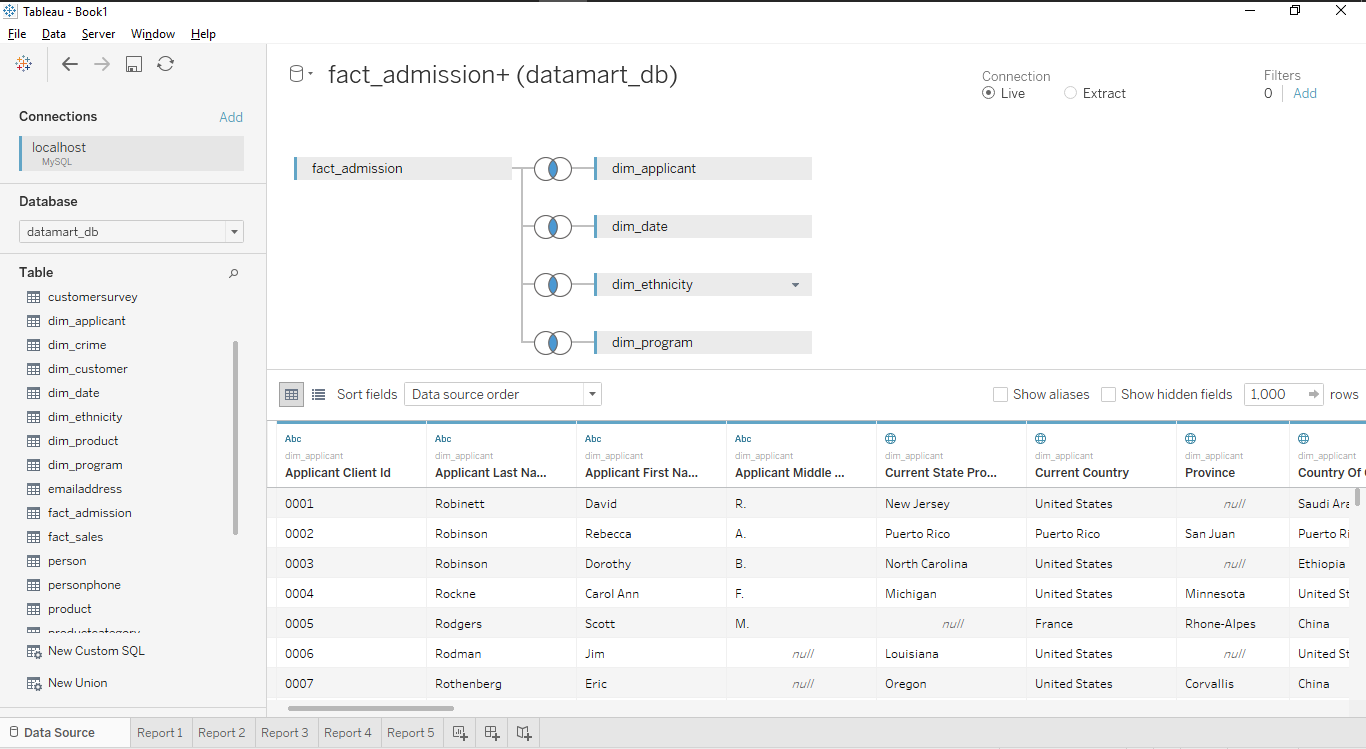
# REPORTS

## STEPS :

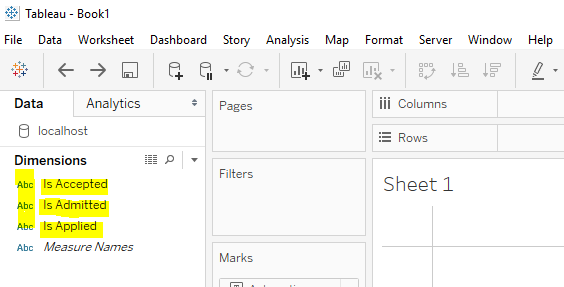
1. Open Tableau 🡪 Connect to MySql 🡪 Localhost with username: “etl\_user” and password: “password”.
2. Connect to Database 🡪 Datamart\_db 🡪 Fact\_admission.

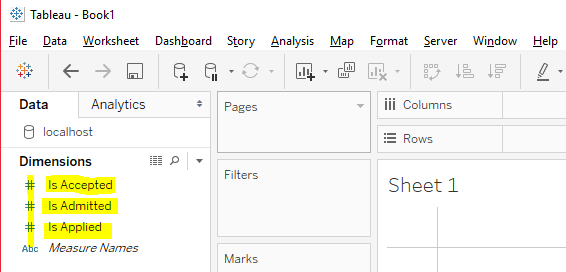


1. Connect Dim\_date , Dim\_applicant, Dim\_ethnicity, Dim\_program to Fact\_admission as below.

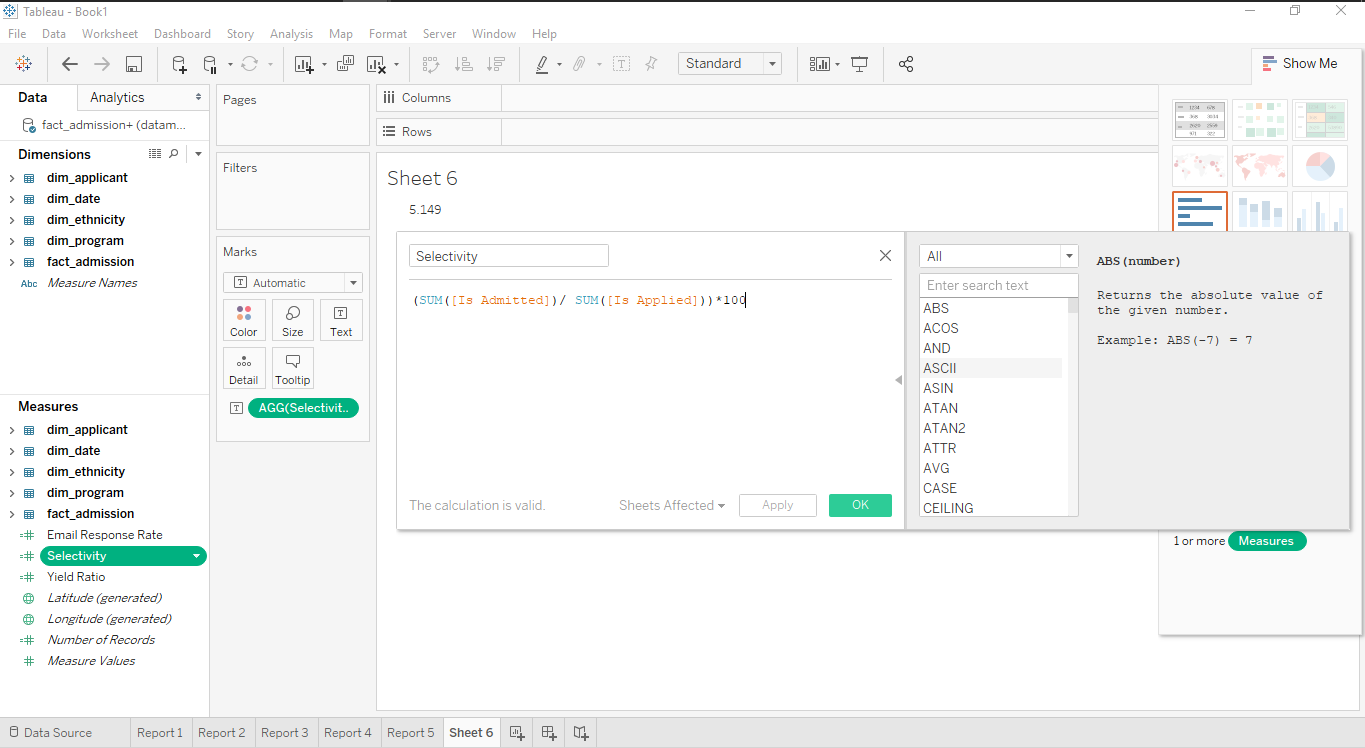


1. Open Sheet 1 and rename to Report 1.
2. Change the Datatype of Dimensions Is Applied, Is Admitted, Is Accepted from String to Number by right clicking 🡪 change Data Type 🡪 Number(Decimal).

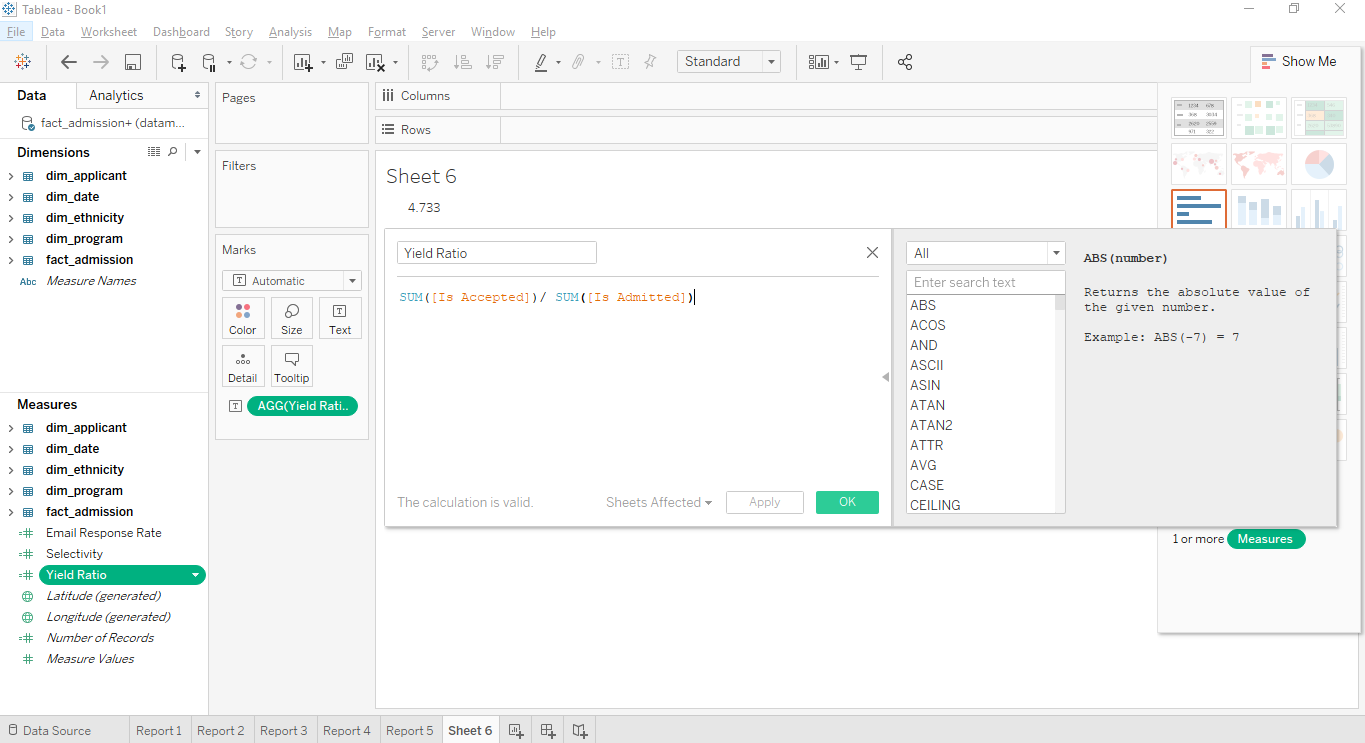




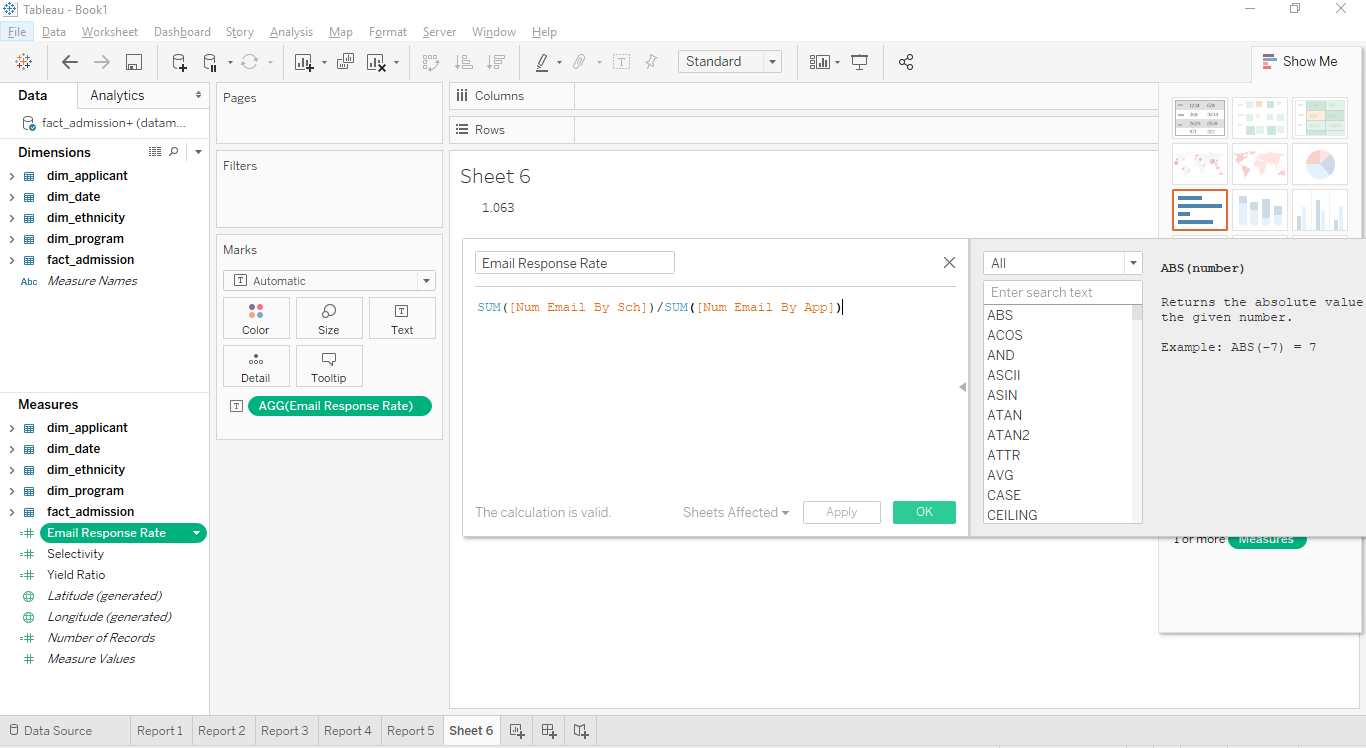
1. Analysis 🡪 Create Calculated field.
2. Give name as Selectivity and the Calculation as “SUM([Is Admitted])/ SUM([Is Applied])”. To get the report in percentage, we have multiplied by 100.



1. Likewise, Analysis 🡪 Create Calculated field.
2. Give name as Yield Ratio and the calculation as “SUM([Is Accepted])/ SUM([Is Admitted])”.

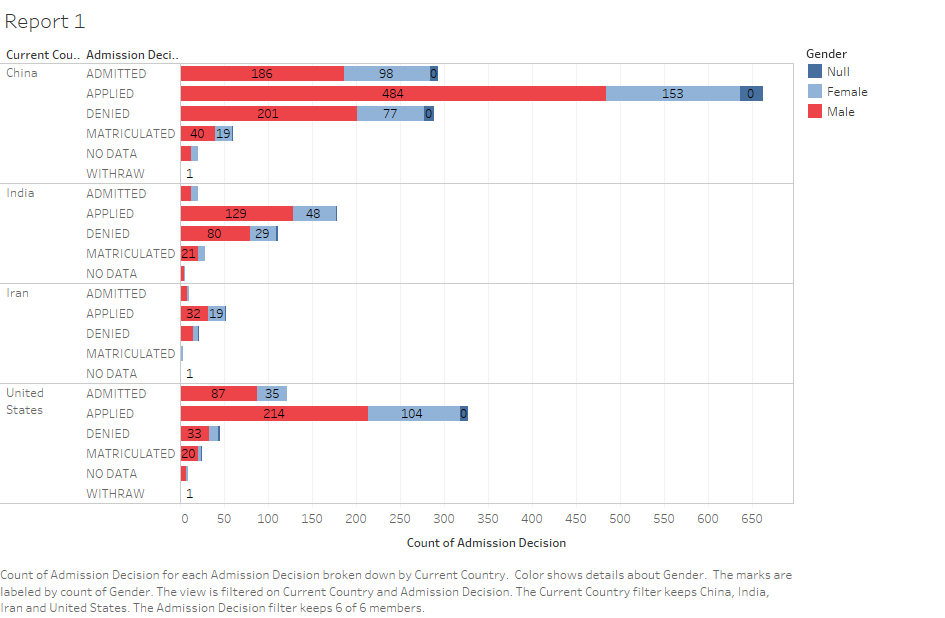


1. Likewise, Analysis 🡪 Create Calculated field.
2. Give name as Email Response Rate and the calculation as “SUM([Num Email By Sch])/SUM([Num Email By App])”.
3. Each Dimensions and Measures are dragged and dropped on each tab to generate new reports accordingly.

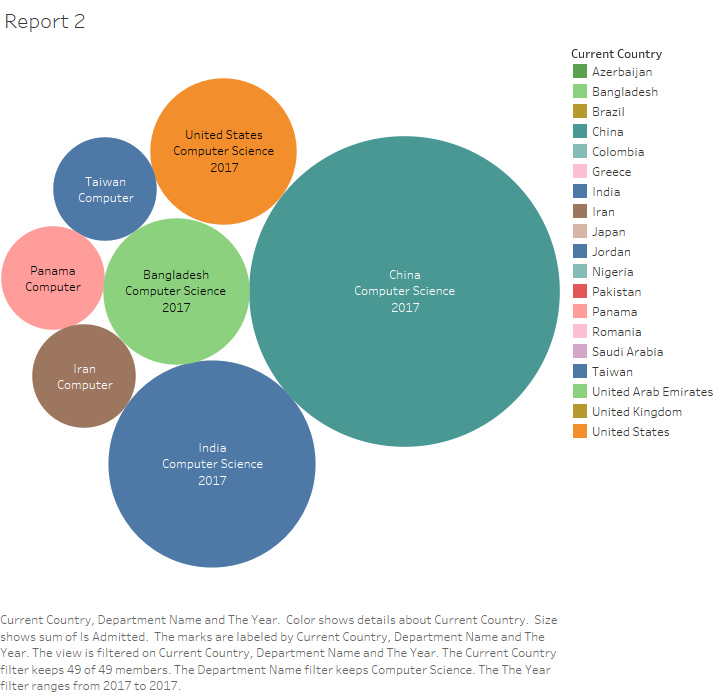


## REPORT RESULTS:

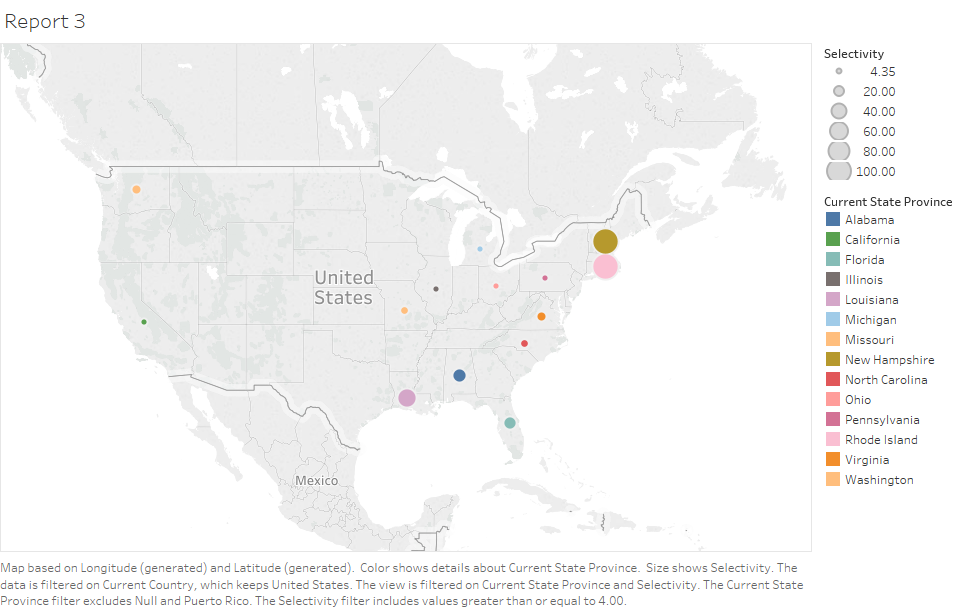
**REPORT 1:**



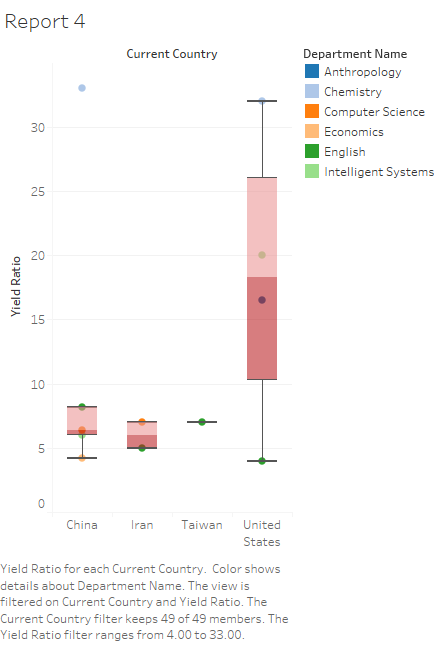
**REPORT 2:**



**REPORT 3:**



**REPORT 4:**



**REPORT 5:**

