

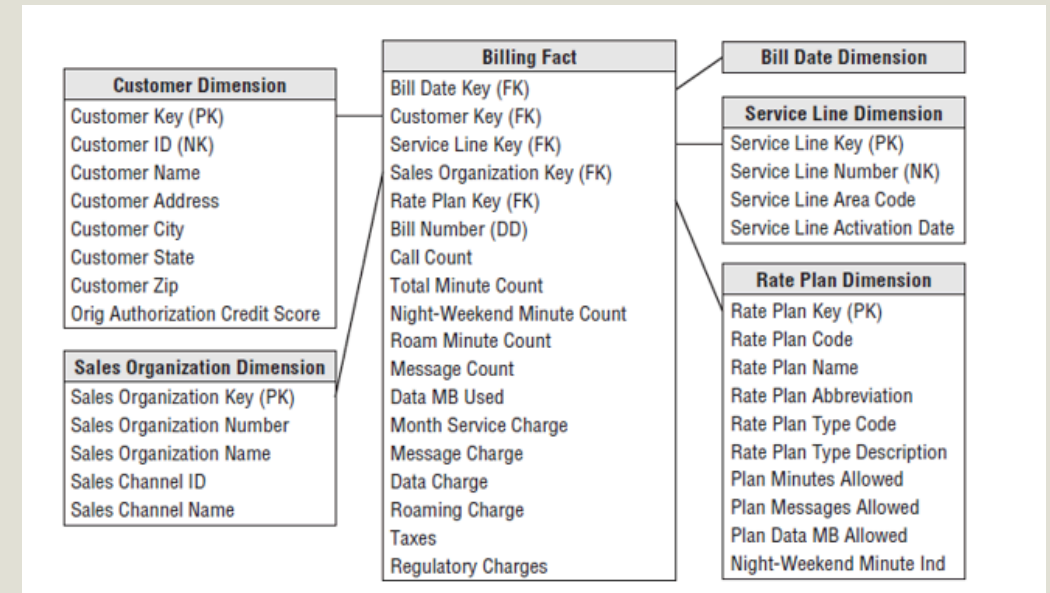
# MIS 6309: Telecommunications and Transportation

## Telecommunications

This in-depth report conducts a thorough analysis of the telecommunications sector offering insights into customer segmentation, sales performance, billing analysis, service usage reports, and rate plan efficiency. It helps telecom companies tailor their offerings, enhance revenue generation strategies, understand customer behavior, and optimize pricing structures for profitability and customer satisfaction.

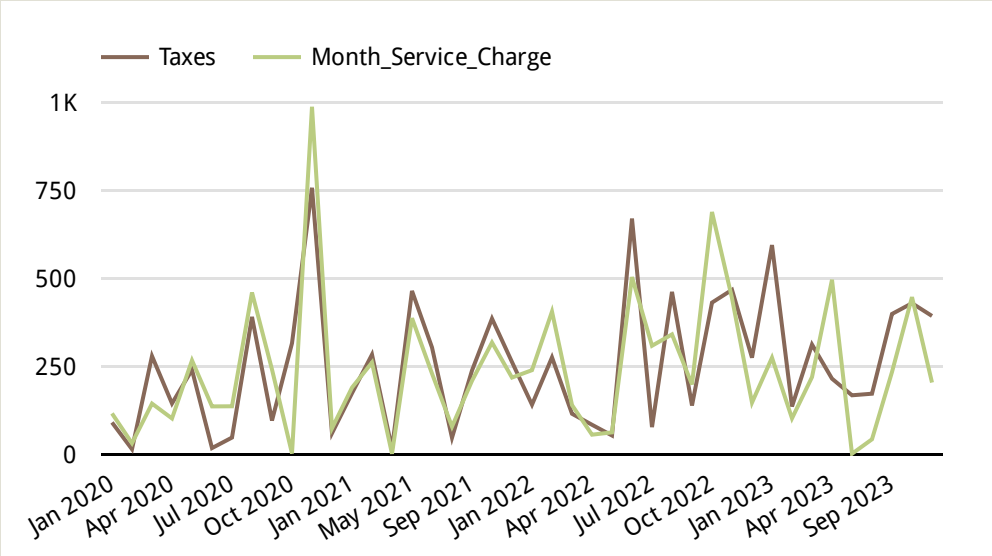
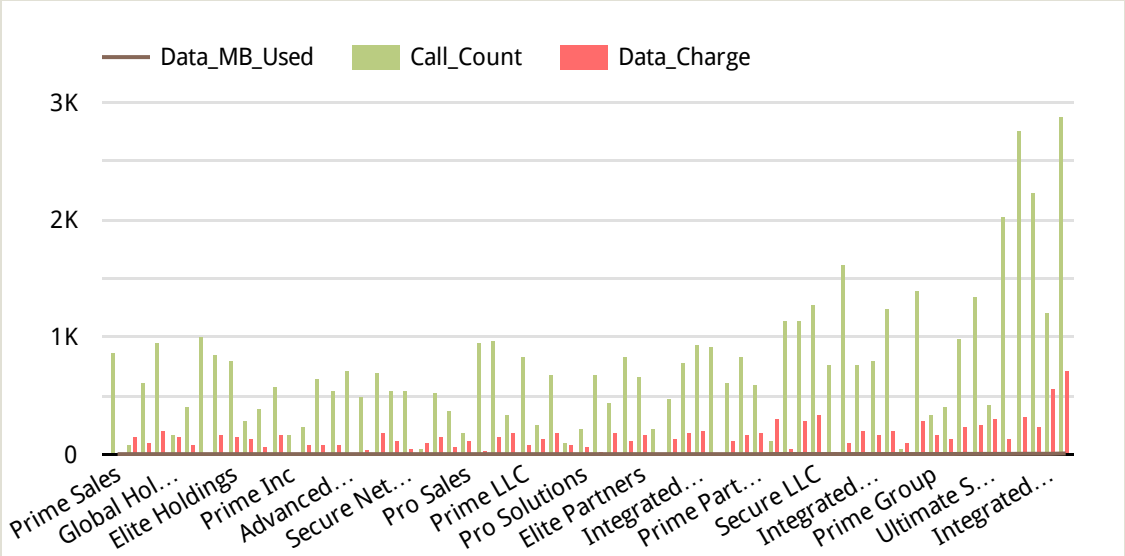
	Date	Product	Customer	Rate Plan	Sales Organization	Service Line #	Switch	Employee	Support Call Profile
Purchasing	X	X						X	
Internal Inventory	X	X							
Channel Inventory	X	X			X				
Service Activation	X	X	X	X	X	X			
Product Sales	X	X	X	X	X	X			
Promotion Participation	X	X	X	X	X	X		X	
Call Detail Traffic	X	X	X	X	X	X	X		
Customer Billing	X	X	X	X	X	X			
Customer Support Calls	X	X	X	X	X	X		X	X
Repair Work Orders	X	X	X			X		X	X

Bus Matrix

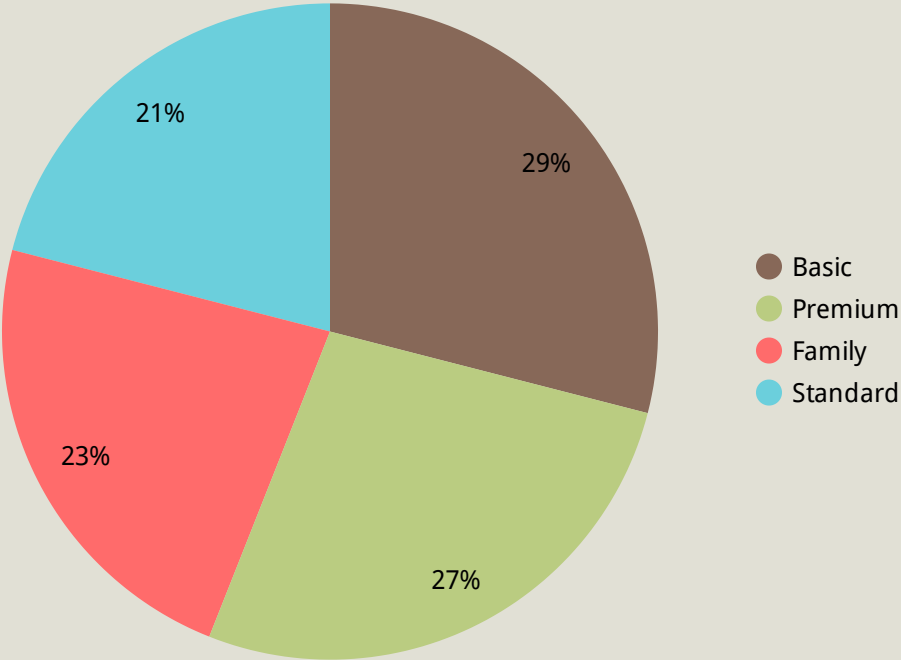


Dimensional Schema

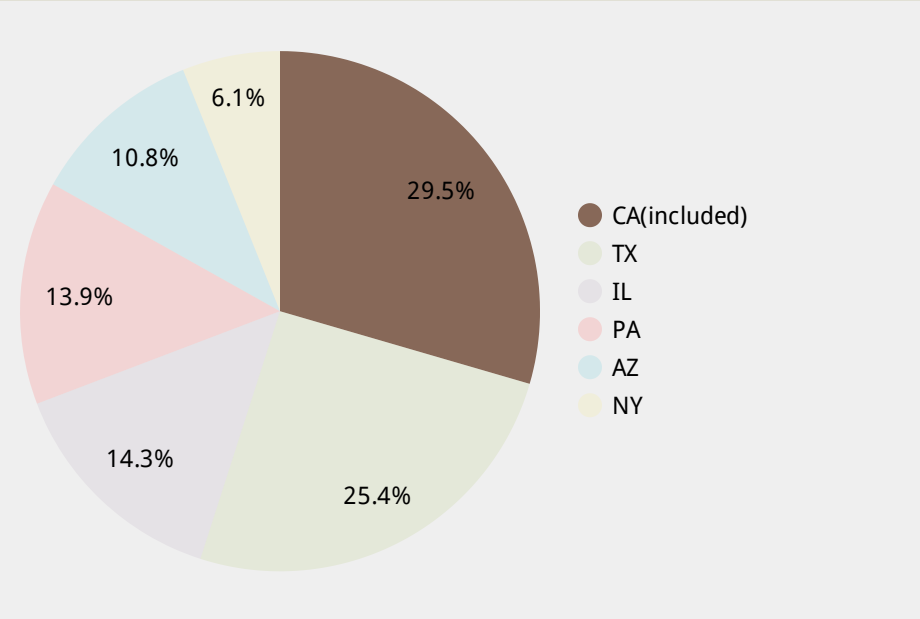
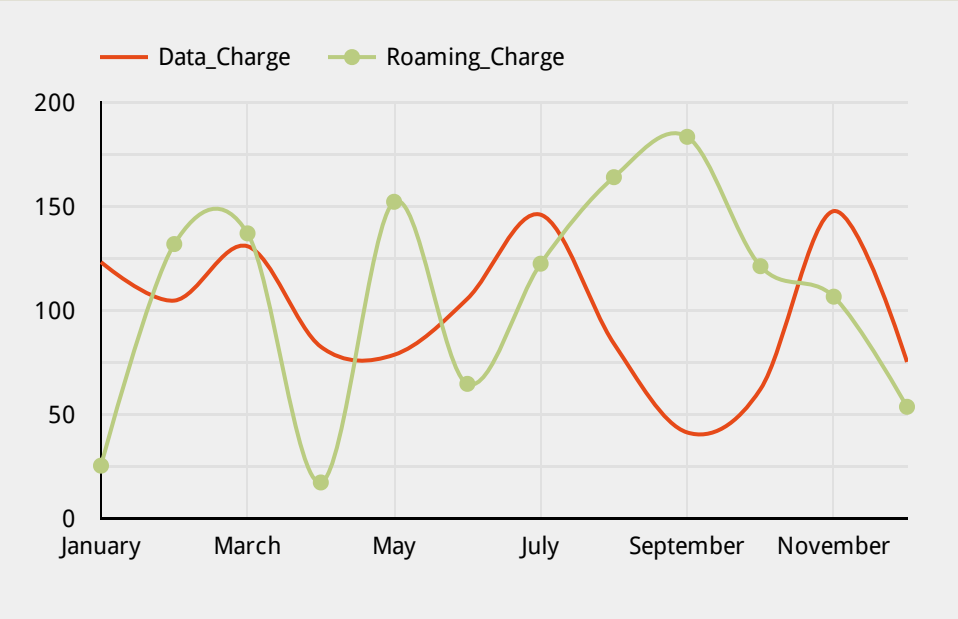
Service Usage Report:



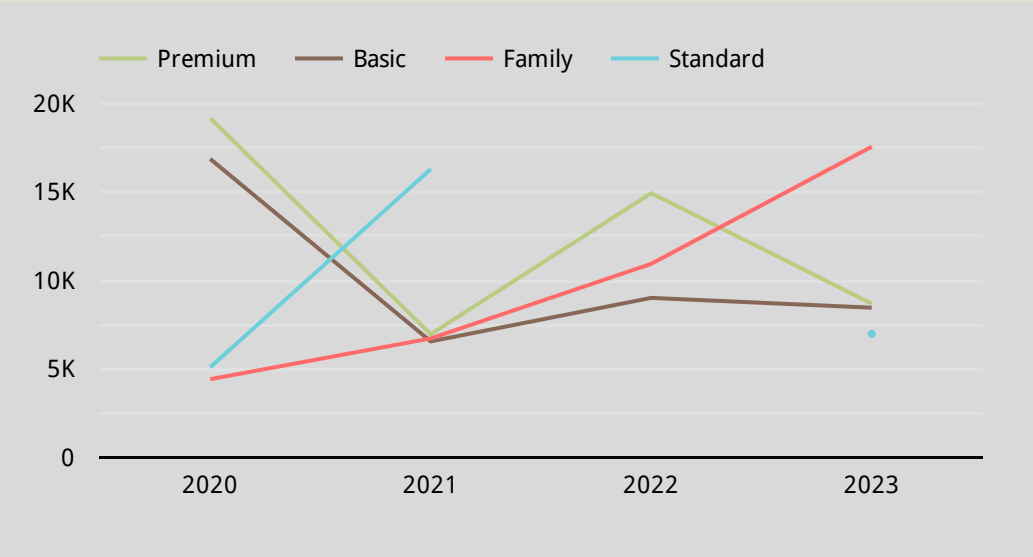
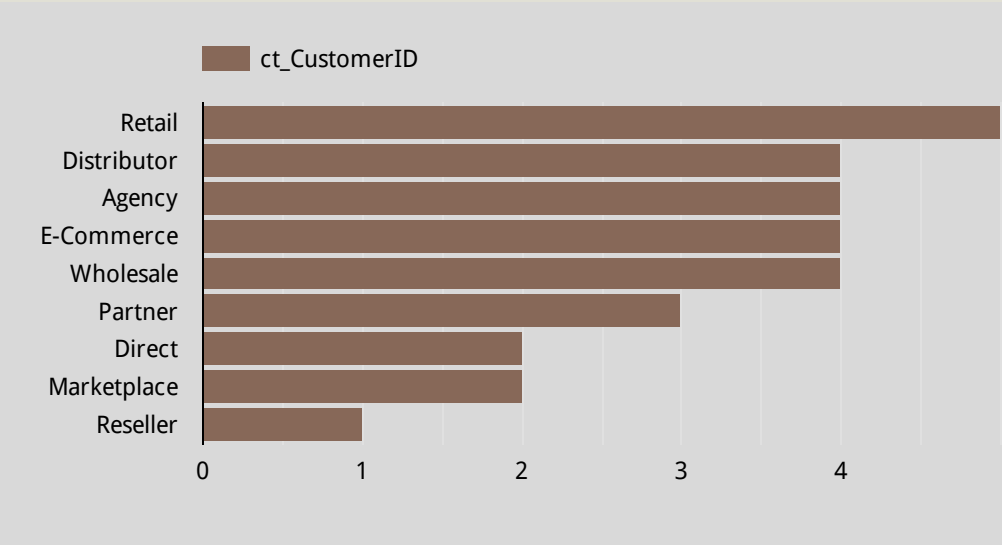
Customers based on Rate Plan:



## Data and Roaming charges over a year



## Rate Plan Efficiency and Sales Performance Analysis

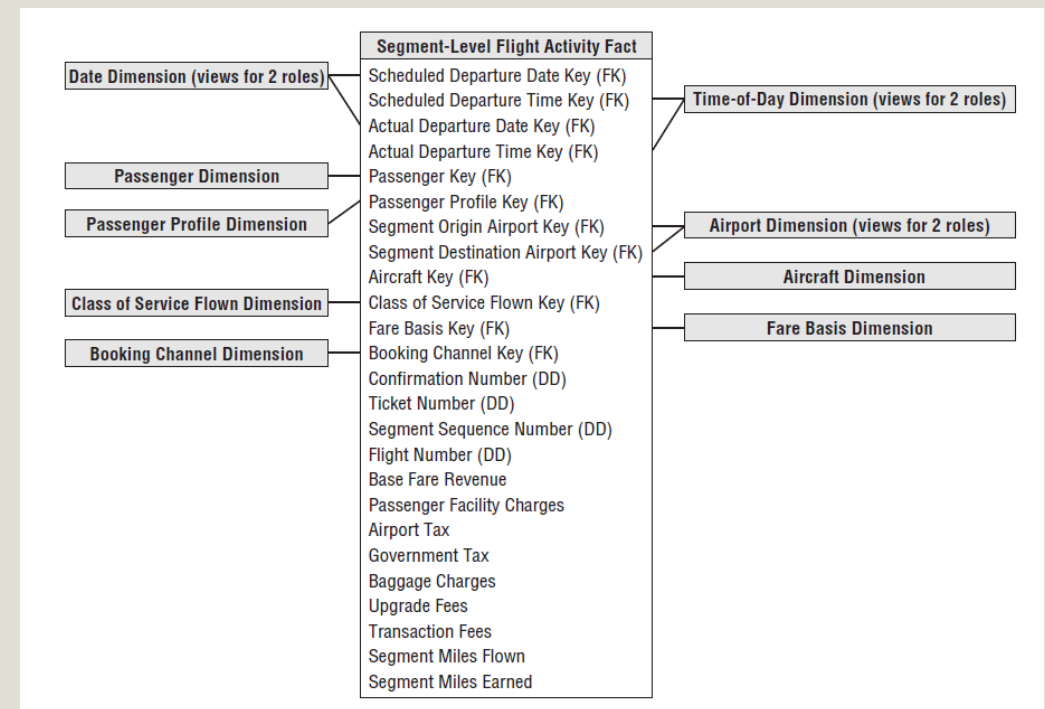


# Transportation

This report delves into the intricate dynamics of the airline industry by examining market trends, consumer behavior, and operational efficiencies. It provides strategic recommendations tailored to the unique challenges and opportunities within the industry, empowering decision-makers to make informed decisions that drive sustainable growth and competitive advantage.

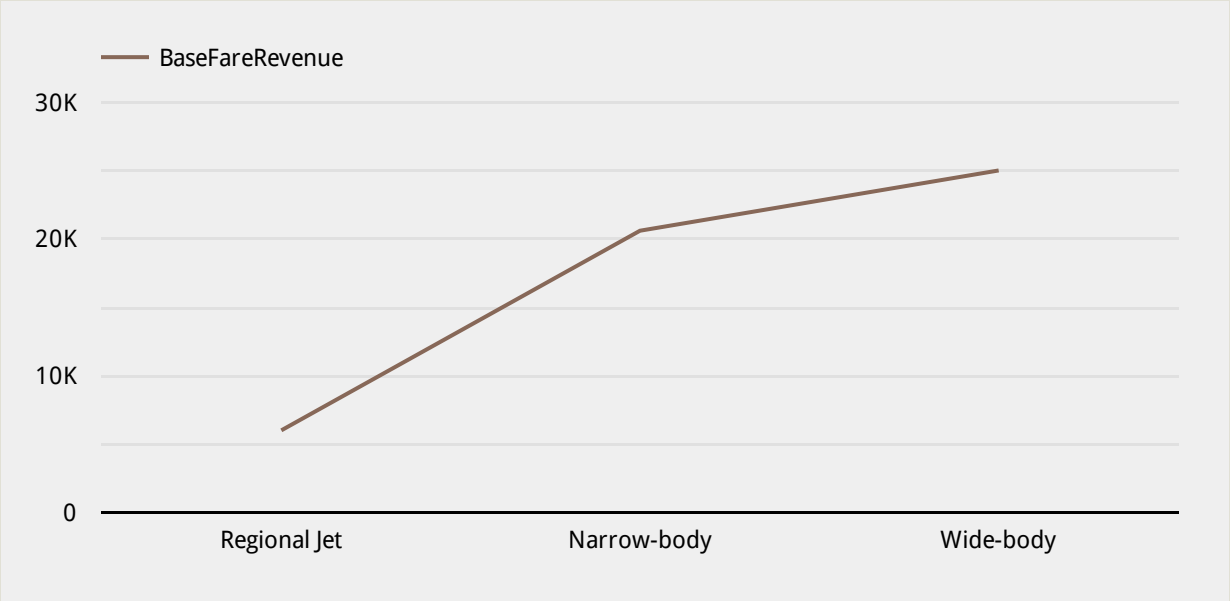
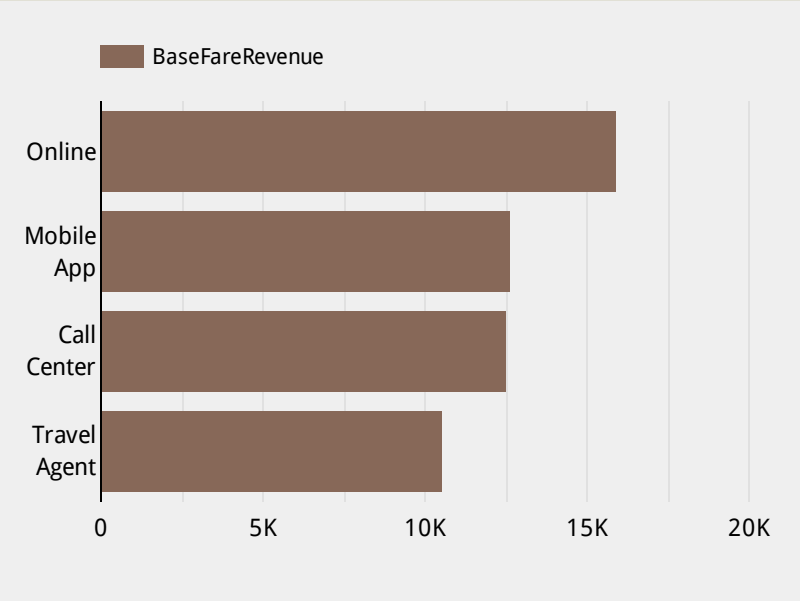
	Date	Time	Airport	Passenger	Booking Channel	Class of Service	Fare Basis	Aircraft	Communication Profile	Transaction ID #
Reservations	X	X	X	X	X	X	X	X		Conf #
Issued Tickets	X	X	X	X	X	X	X	X		Conf # Ticket #
Unearned Revenue & Availability	X	X	X			X		X		
Flight Activity	X	X	X	X	X	X	X	X		Conf # Ticket #
Frequent Flyer Account Credits	X		X	X	X	X	X			Conf # Ticket #
Customer Care Interactions	X	X	X	X					X	Case # Ticket #
Frequent Flyer Communications	X	X	X	X					X	
Maintenance Work Orders	X	X	X					X		Work Order #
Crew Scheduling	X	X	X			X		X		

Bus Matrix



Dimensional Schema

Base Fare Revenue Analysis based on booking channel, Aircraft Type and service class.



Aircraft capacity

