VIEWS

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[bookings\_view] AS

select \* from (

select convert(varchar,daily.date) as 'duration',daily.bookings,daily.span from (select cast(CreatedDate as date) as 'date',count(\*) as bookings,'daily' as span from Bookings where CancelBookingID is null GROUP by cast(CreatedDate as date)) as daily

UNION

select cast(DATEPART( week, CreatedDate ) as varchar) as 'duration',count(\*) as cancellations,'weekly' as span from Bookings where CancelBookingID is null GROUP by year(CreatedDate),month(CreatedDate),DATEPART( week, CreatedDate )

UNION

select cast(month(CreatedDate) as varchar) as duration,count(\*) as cancellations,'monthly' as span from Bookings where CancelBookingID is null GROUP by year(CreatedDate),month(CreatedDate)

)a

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[cancellations\_view] AS

select \* from (

select convert(varchar,daily.date) as 'duration',daily.cancellations,daily.span from (select cast(CreatedDate as date) as 'date',count(\*) as cancellations,'daily' as span from Bookings where CancelBookingID>0 GROUP by cast(CreatedDate as date)) as daily

UNION

select cast(DATEPART( week, CreatedDate ) as varchar) as 'duration',count(\*) as cancellations,'weekly' as span from Bookings where CancelBookingID>0 GROUP by year(CreatedDate),month(CreatedDate),DATEPART( week, CreatedDate )

UNION

select cast(month(CreatedDate) as varchar) as duration,count(\*) as cancellations,'monthly' as span from Bookings where CancelBookingID>0 GROUP by year(CreatedDate),month(CreatedDate)

)a

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW

[dbo].[retrieve\_noofpayments]

AS

select amount,Payment\_method

from Payment\_Info

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

create view [dbo].[top\_business\_view]

as

select B.BusinessID,B.BusinessName, SUM(T.Amount) AS Amount

    from Business B

        join Vehicles V on B.BusinessID = V.VehicleID

        join VehiclePool VP on VP.VehicleID = V.VehicleID

        join Bookings BK on BK.VehiclePoolID = VP.VehiclePoolID

        join Transactions T on T.BookingID = BK.BookingID

    Group by B.BusinessID, B.BusinessName;

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[top\_promotions\_view] AS

SELECT b.UserID,SUM(b.PromotionID) AS TopXPromotions

FROM bookings b JOIN dbo.Promotions p

ON p.PromotionID = b.PromotionID AND b.BookingID

NOT IN (SELECT DISTINCT CancelBookingID FROM Bookings WHERE CancelBookingID IS NOT NULL) AND p.PromotionID IS NOT NULL

GROUP BY b.UserID

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[top\_users\_view] AS

select UserID,sum(Amount) as spendings from bookings b join Transactions t on t.BookingID=b.BookingID and b.BookingID not in (select distinct CancelBookingID from Bookings where CancelBookingID is not null) and t.BookingID is not null group by b.UserID

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create view [dbo].[top\_vehicles\_view]

as

select V.VehicleID, V.License , SUM(VP.Amount) AS Amount

    from Vehicles V

        join VehiclePool VP

            on V.VehicleID = VP.VehicleID

        join Bookings B

            on B.VehiclePoolID = VP.VehiclePoolID

group by V.VehicleID, V.License;

GO