

SHEET 2 & 3:

- 1.To display Immunization countries on World map.
- 2.To categorize passengers by age group from respective origin airports.

--DISPLAYING PASSENGER NAME,AGE,country, status, passengertype, IMMUNIZATION,origin, dest

```
SELECT FirstName+' '+LastName as
Fullname, Age, TrasactionStatus, Passengertype, OriginAirportID, DestinationAirportID,
ImmunizationName, ImmunizationCountry FROM PERSON P
LEFT JOIN BOOKING B
ON P.PersonID=B.PersonID
JOIN PASSENGER PA
ON B.PassengerID=PA.PassengerID
JOIN TICKET T
ON B.BookingID= T.BookingID
JOIN FLIGHTSCHEDULE FS
ON T.FlightScheduleID= FS.FlightScheduleID
JOIN [ROUTE] R
ON FS.RouteNumber= R.RouteNumber
JOIN IMMUNIZATION I
ON PA.PassengerID=I.PassengerID
ORDER BY 1
```

SHEET 4:

--To tabulate average salaries on different employee types

```
SELECT E.EMPLOYEEYPE, COUNT(1) AS NUMBEROFEMPLOYEES, SUM(SALARY) AS SALARY
FROM EMPLOYEE E
JOIN AIRLINEEMPLOYEE AE ON E.EmployeeID=AE.EmployeeID
GROUP BY E.EMPLOYEEYPE
```

SHEET 5:

--To display seats available on flights from their respective airports

```
SELECT Airlinename, OriginAirportID, SeatAvailable, BaggageAllowance
```

```
FROM AIRLINE A
```

```
JOIN TRIP T ON A.AirlineID=T.AirlineID
```

```
JOIN [ROUTE] R ON T.RouteNumber=R.RouteNumber
```

```
JOIN FLIGHTSCHEDULE FS ON R.RouteNumber=FS.RouteNumber
```

SHEET 6:

--Pie chart to display the layover time during the journey from airports

```
SELECT FlightStatusCode,OriginAirportID,LAYOVERTIME  
FROM Route R  
JOIN FLIGHTSCHEDULE FS  
ON R.RouteNumber= FS.RouteNumber  
JOIN TICKET T  
ON FS.FlightScheduleID= T.FlightScheduleID
```