

CCAS.4.3: Assignment 3

Question 1:

- a] Select * from FLIGHT
order by Airline ASC ;
- b] Select Restrictions , Amount, (Amount x 1.15) as
Amount_After_Taxes from FARE
where Amount > 50 ;
- c] Delete top (5) percent from SEAT RESERVATION
- d] Select Airplane-type-name , Max-Seats
from AIRPLANE_TYPE.
- e] Select Airplane-type-name from AIRPLANE_TYPE
where Airplane-type-name like 'E%.T';
- f] list all flights, dep & arr airport & time , airplane type (kg)
on Monday only.
Select F.Flight-number,
dep.Name as Departure-Airport, arr.Name as Arrival-airport,
FL.Scheduled-departure-time, FL.Scheduled-arrival-time,
AT.Airplane-Type-name
From FLIGHT F Join FLIGHT_LEG FL
on FL.Flight-number = F.Flight-number
join AIRPORT dep on dep.Airport-Code = FL.Departure-Airport-Code
join AIRPORT arr on arr.Airport-Code = FL.Arrival-Airport-Code
join LEG_Instance LI on LI.Flight-Number = FL.Flight-Number
and LI.Leg-Number = FL.Leg-Number
join AIRPLANE A on A.Airplane-ID = LI.Airplane-ID
join AIRPLANE_TYPE AT on AT.Airplane-type-name = A.Airplane-Type
where DAYNAME(LI.Date) = "Monday";

j] All flights where airline ~~start~~ with 'Air'

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Select F.Flight-Number, F.Airline,
       dep.Name as Departure-Airport, arr.Name as Arrival-Airport,
       FL.Scheduled-departure-time, FL.Scheduled-arrival-time
From FLIGHT F Join FLIGHT-LEG FL
on F.Flight-number = FL.Flight-number
Join AIRPORT dep on FL.Departure-Airport-code = dep.Airport-code
Join AIRPORT arr on FL.Arrival-Airport-code
where F.Airline Like '% Air %';
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