

FINAL TERM ASSIGNMENT

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DATA WAREHOUSING LAB

AIRLINE SYSTEM DATA WAREHOUSE

Time (Dimension Table)

Time
<u>time-ID</u>
day
month
quarter
Financial Year

Booking (Dimension Table)

<u>booking class-ID</u>
booking class

Fact Table

<u>booking</u>
<u>time-ID</u>
<u>booking-class-ID</u>
Starting airport ID
destination airport ID
Flight interval ID
number OF bookings
bookings Turnover

Airport (Dimension Table)

<u>airport-ID</u>
airport-name
city name
State name
Country name

Flight (dimension table)

<u>Flight interval</u>
Flight
aircraft
air_craft-type
air-line.

→ Define cube ~~Sales~~ Fact Table as

[booking, time-ID, booking class-ID, starting Airport ID,
destination airport ID, Flight-internal ID, nom
of booking, booking turn over]

~~Define~~

Define Time Dimension as (time-ID, day, month,
quarter, financial year)

Define ~~booking~~ ^{airport}

Dimension as (airport-ID, airport-
name, city name,
state name, country)

Define booking class Dimension as (booking class-ID,
booking class)

Define Flight Interval Dimension as (Flight interval ID,
flight, aircraft,
aircraft type,
airline)