

AIRLINE INDUSTRY

TABLES

- Flight
- Route
- Flight_schedule
- Discount
- Countries
- State
- Contact_details
- Passenger_details
- Branches
- Employee_details
- Ticket_booking
- Payment
- Transaction

FLIGHT

COLUMN	DATATYPE	CONSTRAINTS
FL_ID	INT	PRIMARY KEY
FL_NUMBER	VARCHAR(30)	NOT NULL UNIQUE
FL_NAME	VARCHAR(30)	NOT NULL
TOTAL_SEATS	INT	NOT NULL
FL_TYPE	VARCHAR(20)	NOT NULL
MFD_BY	VARCHAR(50)	NOT NULL
MFD_ON	DATETIME	NOT NULL
TERMINAL	VARCHAR(10)	NOT NULL

ROUTE

COLUMN	DATATYPE	CONSTRAINTS
RT_ID	INT	PRIMARY KEY
FL_ID	INT	FOREGIN KEY
ORGIN	VARCHAR(30)	NOT NULL
DESTINATION	VARCHAR(30)	NOT NULL

DESTINATION	VARCHAR(30)	NOT NULL
RT_CODE	INT	NOT NULL UNIQUE
NO_OF_STOPS	INT	

FLIGHT_SCHEDULE

COLUMN	DATATYPE	CONSTRAINTS
SCHD_ID	INT	PRIMARY KEY
FL_ID	INT	FOREGIN KEY
DEPARTURE	DATETIME	NOT NULL
ARRIVAL	DATETIME	NOT NULL

DISCOUNTS

COLUMN	DATATYPE	CONSTRAINTS
DIS_ID	INT	PRIMARY KEY
DIS_TITLE	VARCHAR(20)	NOT NULL
AMOUNT	INT	NOT NULL
DESCRIPTION	VARCHAR(150)	

COUNTRIES

COLUMN	DATATYPE	CONSTRAINTS
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COLUMN	DATATYPE	CONSTRAINTS
CNT_ID	INT	PRIMARY KEY
CNT_NAME	VARCHAR(20)	NOT NULL UNIQUE

STATE

COLUMN	DATATYPE	CONSTRAINTS
ST_ID	INT	PRIMARY KEY
ST_NAME	VARCHAR(100)	NOT NULL UNIQUE
CNT_ID	INT	FOREGIN KEY

CONTACT_DETAILS

COLUMN	DATATYPE	CONSTRAINTS
CNT_ID	INT	PRIMARY KEY
EMAIL	VARCHAR(30)	NOT NULL
PHONE	VARCHAR(30)	NOT NULL

PASSENGER_DETAILS

COLUMN	DATATYPE	CONSTRAINTS
PS_ID	INT	PRIMARY KEY

NAME	VARCHAR(50)	NOT NULL
EMAIL	VARCHAR(30)	NOT NULL
PHONE	VARCHAR(30)	NOT NULL
AGE	INT	NOT NULL
CNT_ID	INT	FOREGIN KEY
ADDRESS	VARCHAR(100)	NOT NULL

BRANCHES

COLUMN	DATATYPE	CONSTRAINTS
BRANCH_ID	INT	PRIMARY KEY
BRANCH_NAME	VARCHAR(50)	NOT NULL
ADDRESS	VARCHAR(100)	NOT NULL
ST_ID	INT	FOREGIN KEY

EMPLOYEE_DETAILS

COLUMN	DATATYPE	CONSTRAINTS
EMP_ID	INT	PRIMARY KEY
EMP_NAME	VARCHAR(50)	NOT NULL
EMP_ADDRESS	VARCHAR(100)	NOT NULL
BRANCH_ID	INT	FOREGIN KEY
EMP_EMAIL	VARCHAR(50)	NOT NULL UNIQUE
EMP_PHONE	VARCHAR(10)	NOT NULL
DESIGNATION	VARCHAR(30)	NOT NULL

TICKET_BOOKING

COLUMN	DATATYPE	CONSTRAINTS
TRANS_ID	INT	PRIMARY KEY
BOOKINGDATE	DATETIME	NOT NULL
DEP_DATE	DATETIME	NOT NULL
PS_ID	INT	FOREGIN KEY
FL_ID	INT	FOREGIN KEY
TYPE	BIT	NOT NULL
EMP_ID	INT	FOREGIN KEY
DIS_ID	INT	FOREGIN KEY
TOTAL	INT	NOT NULL
ORIGIN	VARCHAR(10)	NOT NULL,UNIQUE
DESTINATION	VARCHAR(10)	NOT NULL,UNIQUE
MEAL_ID	INT	FOREIGN KEY

PAYMENT

COLUMN	DATATYPE	CONSTRAINTS
PAY_ID	INT	PRIMARY KEY
PAY_OPTION	VARCHAR(50)	NOT NULL
PAY_DATE	DATETIME	NOT NULL
TCKT_ID	INT	PRIMARY KEY

TICKET_INFO

COLUMN	DATATYPE	CONSTRAINTS
TCKT_ID	INT	PRIMARY KEY
SCHD_ID	INT	FOREGIN KEY

PS_ID	INT	FOREGIN KEY
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MEAL

COLUMN	DATATYPE	CONSTRAINTS
MEAL_ID	INT	PRIMARY KEY
MENU	VARCHAR(1000)	NOT NULL

CAPTAIN

COLUMN	DATATYPE	CONSTRAINTS
CAP_ID	INT	PRIMARY KEY
SCHD_ID	INT	FOREGIN KEY
PS_ID	INT	FOREGIN KEY