Checking 2NF

Airport

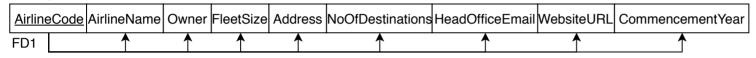| AirportCode	AirportName	City	Country	EstablishedYear

FD1

The table **Airport** is already in 1NF.
All the non primary key attributes of the table **Airport** depends on it's super key which is <u>AirportCode</u>.
Therefore, the functional dependency (FD1) of the table Airport is a full functional dependency.
There are no partial dependencies so the table **Airport** is in 2NF

Airline

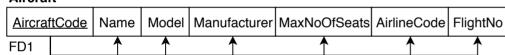| AirlineCode	AirlineName	Owner	FleetSize	Address	NoOfDestinations	HeadOfficeEmail	WebsiteURL	CommencementYear

FD1

The table **Airline** is in 1NF.
All the non primary key attributes of the table **Airline** depends on it's super key which is <u>AirlineCode</u>.
Therefore, the functional dependency (FD1) of the table **Airline** is a full functional dependency.
There are no partial dependencies so the table **Airline** is in 2NF.

Aircraft

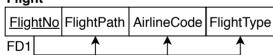| AircraftCode	Name	Model	Manufacturer	MaxNoOfSeats	AirlineCode	FlightNo

FD1

The table **Aircraft** is in 1NF.
All the non primary key attributes of the table **Aircraft** depends on it's super key which is <u>AircraftCode</u>.
Therefore, the functional dependency (FD1) of the table **Aircraft** is a full functional dependency.
There are no partial functional dependencies so the table **Aircraft** is in 2NF.

Flight

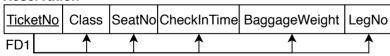| FlightNo	FlightPath	AirlineCode	FlightType

FD1

The table **Flight** is in 1NF.
All the non primary key attributes of the table **Flight** depends on it's super key which is <u>FlightNo</u>.
Therefore, the functional dependency (FD1) of the table **Flight** is a full functional dependency.
There are no partial functional dependencies so the table **Flight** is in 2NF.

Reservation

TicketNo	Class	SeatNo	CheckInTime	BaggageWeight	LegNo

FD1

The table **Reservation** is in 1NF.
All the non primary key attributes of the table **Reservation** depends on it's super key which is <u>TicketNo</u>.
Therefore, the functional dependency (FD1) of the table **Reservation** is a full functional dependency.
There are no partial functional dependencies so the table **Reservation** is in 2NF.