

# Airline Data Management and Analysis Using Power BI

## Problem Statement:

The airline industry operates with numerous complexities, requiring effective data management and insights into flight schedules, passenger details, and ticketing systems. This project aims to analyse airline operations for improving efficiency and customer satisfaction

## Video Explanation:

### Problem statement:

<https://www.loom.com/share/d39ff1facfb04bf58b879786da80e0e2?sid=9a8e38ad-2c2b-42f0-ae2a-b50c114883ae>

## Tasks:

### 1) Data Preparation and Cleaning:

Extract and transform data:

The screenshot shows the Power BI Data Editor interface. A query named "flight info" is open, displaying a table titled "FlightTUD". The table contains 24 rows of flight data with columns: FlightNumber, Airline, Destination, Status, and flight feedback. A conditional column "Status" is being added, with values like "Valid", "Error", or "Empty" based on the "On Time" status. The Power BI ribbon at the top includes Home, Transform, Add Column, View, Tools, and Help. The Properties pane on the right shows the "flight info" query settings, including properties and applied steps like "Removed Errors".

This is for the flight information table which is clean as you can see in the column quality.

Flight Information Query Results:

	PassengerID	FlightID	SeatNumber
1	1	1161	38A
2	2	1157	24D
3	3	1141	30B
4	4	1046	17E
5	5	1035	29D
6	6	1134	10A
7	7	1082	10A
8	8	1115	20E
9	9	1197	34E
10	10	1047	2E
11	11	1153	43C
12	12	1194	48C
13	13	1010	47A
14	14	1056	23C
15	15	1030	16D
16	16	1109	40D
17	17	1005	25C
18	18	1119	32C
19	19	1033	27E
20	20	1118	32B
21	21	1065	19E
22	22	1146	5B
23	23	1177	28B

This is for passenger table which is clean as we see in the column quality as it shows 100%.

Passenger Information Query Results:

	TicketID	FlightID	BookingStatus
1	5002	1178	Pending
2	5002	1078	Confirmed
3	5003	1117	Cancelled
4	5004	1120	Cancelled
5	5005	1137	Cancelled
6	5006	1162	Pending
7	5007	1076	Pending
8	5008	1035	Cancelled
9	5009	1001	Cancelled
10	5010	1040	Cancelled
11	5011	1064	Pending
12	5012	1150	Cancelled
13	5013	1060	Cancelled
14	5014	1064	Confirmed
15	5015	1093	Confirmed
16	5016	1072	Pending
17	5017	1011	Cancelled
18	5018	1105	Cancelled
19	5019	1014	Confirmed
20	5020	1060	Pending
21	5021	1030	Confirmed
22	5022	1035	Confirmed
23	5023	1165	Confirmed

This is for ticket information which is clean as we see in the coloum quality as it shows 100%.

**NOTE:** Here the Cleaning data and here also remove duplicates, handle missing values, and format columns as we can see in the given screenshot.

### **Video Explanation:**

#### **task 1:**

<https://www.loom.com/share/cb85c42ef0bf41f6bd51f2c9a0436ba3?sid=1ae5c3e2-5378-4f01-8f21-f0b885fc6308>

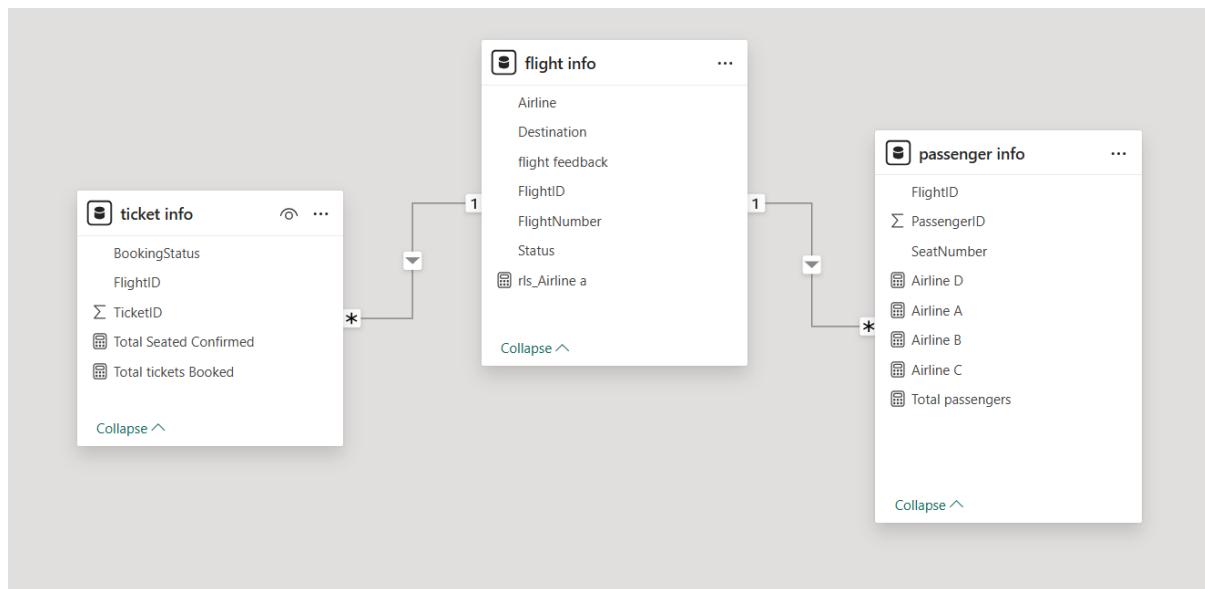
#### **task 1 continuation and task2 starting :**

<https://www.loom.com/share/4c9477b5ca4c4482a1196f8d4f970935?sid=e9fd06d0-0e15-4988-ab60-3d1ec626cb83>

### **2) Data Modelling:**

- FlightID is the **common column** (also called a **primary/foreign key**) that links multiple datasets (like Bookings, FlightDetails, Prices, etc.).
- Go to **Model View** in Power BI.

- Drag and drop FlightID from one table to the matching FlightID in another table.
- Cardinality tells how data is related:
- **One-to-Many (1:\*)**: One flight can have many bookings (common).
- **Many-to-One (\*:1)**: Many records refer back to one flight.
- **Many-to-Many (:)**: Rare; avoid unless necessary.
- Choose the correct **cardinality** (usually One-to-Many).
- Set **cross filter direction** to **single or both**, based on how data flows between tables.



**Video Explanation:  
task 1 continuation and task2 starting:**

<https://www.loom.com/share/4c9477b5ca4c4482a1196f8d4f970935?sid=e9fd06d0-0e15-4988-ab60-3d1ec626cb83>

**task2 continuation and task 3 starting:**

<https://www.loom.com/share/6fc95417a93f4c90a0ebfc953162f3dd?sid=e17df52f-1a23-47a0-a541-5d4ea9149b58>

### **3) Enhanced Data Insights:**

- Add Conditional Column (Best / To Be Improved)**

A), Go to **Power Query Editor** → Click on “**Add Column**” → “**Conditional Column**”.

B), Set rule like:

- If Status = “On Time” → **Best**
- Else → **To Be Improved**

The screenshot shows the Microsoft Power BI desktop interface. In the center is a query editor displaying a table with columns: FlightNumber, Airline, Destination, Status, and Flight feedback. The formula bar at the top contains the DAX code: `= Table.AddColumn(#"Removed Errors", "Flight feedback", each if [Status] = "On Time" then "Best" else "To Be Improved")`. A red circle highlights this formula. To the right of the editor is the 'Query Settings' pane, which includes sections for 'PROPERTIES' (Name: flight info) and 'APPLIED STEPS' (listing various data cleaning steps like Source, Navigation, Promoted Headers, etc.). Below the editor, a status bar indicates '6 COLUMNS, 200 ROWS' and 'Column profiling based on 1000 rows'.

- **Extract Flight Number using "Column from Examples"**

a. Click on “Add Column” →

Choose “Column from Examples”.

- Type in how you want the flight number to look (like just the numeric part or airline code).
- Power BI will detect the pattern and create the column for you.

The screenshot shows the Microsoft Power BI Data Editor interface. On the left, there's a sidebar with 'Queries [3]' containing 'flight info', 'passenger info', and 'ticket info'. The main area displays a table with the following columns and data:

	FlightID	FlightNumber	extract flight numbers	Airline	Destination	Status
1	1001	FL1102	1102	Airline D	Houston	On Time
2	1002	FL1435	1435	Airline B	Chicago	On Time
3	1003	FL1860	1860	Airline A	New York	Canceled
4	1004	FL1270	1270	Airline C	Chicago	Delayed
5	1005	FL1106	1106	Airline C	New York	Delayed
6	1006	FL1071	1071	Airline A	Phoenix	On Time
7	1007	FL1700	1700	Airline C	Los Angeles	Canceled
8	1008	FL1020	1020	Airline C	Los Angeles	Delayed
9	1009	FL1614	1614	Airline A	Los Angeles	Canceled
10	1010	FL1121	1121	Airline D	Chicago	Canceled
11	1011	FL1466	1466	Airline A	Phoenix	On Time
12	1012	FL1214	1214	Airline D	New York	Delayed
13	1013	FL1330	1330	Airline C	Houston	On Time
14	1014	FL1458	1458	Airline C	New York	Delayed
15	1015	FL1087	1087	Airline C	Houston	Delayed
16	1016	FL1372	1372	Airline B	New York	Delayed
17	1017	FL1099	1099	Airline D	Phoenix	Delayed
18	1018	FL1871	1871	Airline B	Houston	Delayed
19	1019	FL1663	1663	Airline B	Chicago	Canceled
20	1020	FL1130	1130	Airline A	New York	On Time
21	1021	FL1661	1661	Airline B	New York	Canceled
22	1022	FL1308	1308	Airline A	Houston	Delayed
23	1023	FL1769	1769	Airline A	Chicago	On Time
24						

At the bottom right of the editor, there's a 'Query Settings' pane with sections for 'PROPERTIES' (Name: flight info) and 'APPLIED STEPS' (including 'Renamed Columns').

## Video Explanation: task2 continuation and task 3 starting:

<https://www.loom.com/share/6fc95417a93f4c90a0ebfc953162f3dd?sid=e17df52f-1a23-47a0-a541-5d4ea9149b58>

## task 3 continuation and task 4 Starting:

<https://www.loom.com/share/7c1eff94796b495daa990b2a86c607b5?sid=7969fb5f-afa1-42aa-928d-9af5eed460a>

## 4) Calculations Using DAX:

- **Total Passengers for a Specific Flight**

→ This means finding out **how many people** travelled on a **particular flight**.

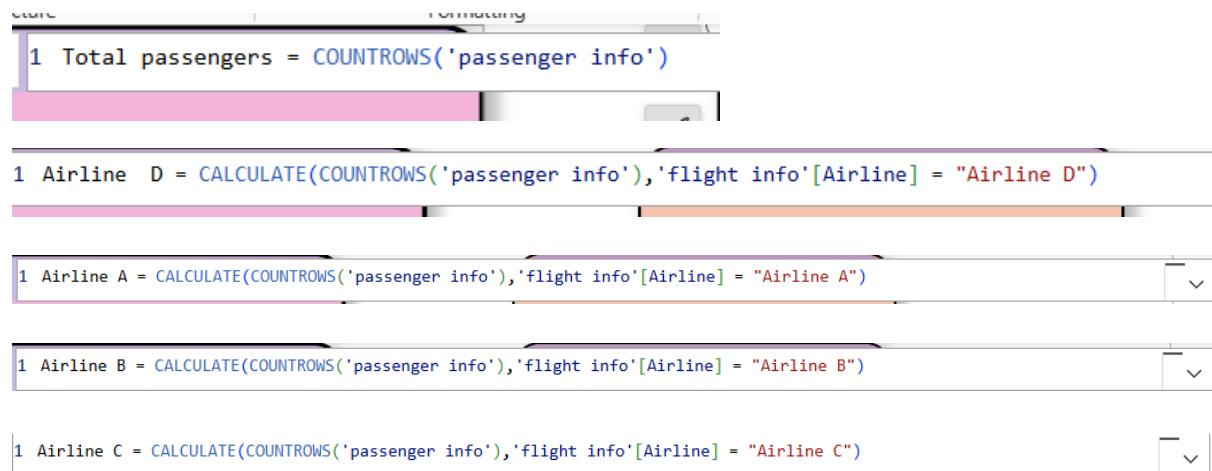
- **Total Tickets Booked**

→ This means calculating the **total number of tickets** that were **sold or booked** across all flights.

- **Filtered Table Showing "Best" Flights Only**

→ This means displaying a table that shows **only those flights** which were marked as “**Best**”, based on their good status (like being on time).

### a) Total passengers for a specific flight:



The screenshot shows the Power BI Data Editor with five rows of DAX code. The first row is highlighted with a purple background. The other four rows are collapsed, indicated by a small downward arrow icon at the end of each row.

```
1 Total passengers = COUNTROWS('passenger info')
1 Airline D = CALCULATE(COUNTROWS('passenger info'), 'flight info'[Airline] = "Airline D")
1 Airline A = CALCULATE(COUNTROWS('passenger info'), 'flight info'[Airline] = "Airline A")
1 Airline B = CALCULATE(COUNTROWS('passenger info'), 'flight info'[Airline] = "Airline B")
1 Airline C = CALCULATE(COUNTROWS('passenger info'), 'flight info'[Airline] = "Airline C")
```

Total passengers

100

Total passengers for a specific flight

30	20	22	28
Airline A	Airline B	Airline C	Airline D

## b) Total tickets booked:

Total tickets booked

50

Total seated confirmed

17

```
1 Total tickets Booked = COUNTROWS('ticket info')
```

```
1 Total Seated Confirmed = CALCULATE(COUNTROWS('ticket info'),FILTER('ticket info','ticket info'[BookingStatus] = "Confirmed"))
```

## c) Filtered table showing "Best" flights only:

	FlightNumber	Airline	Destination	Status	Flight Feedback
11	FL1102	Airline D	Houston	On Time	Best
12	FL1435	Airline B	Chicago	On Time	Best
16	FL1071	Airline A	Phoenix	On Time	Best
17	FL1466	Airline A	Phoenix	On Time	Best
13	FL1330	Airline C	Houston	On Time	Best
10	FL1130	Airline A	New York	On Time	Best
13	FL1769	Airline A	Chicago	On Time	Best
15	FL1491	Airline D	Phoenix	On Time	Best
17	FL1805	Airline D	Chicago	On Time	Best
18	FL1385	Airline D	Chicago	On Time	Best
19	FL1191	Airline D	Los Angeles	On Time	Best
10	FL1955	Airline B	Phoenix	On Time	Best
11	FL1276	Airline B	New York	On Time	Best
13	FL1459	Airline D	New York	On Time	Best
14	FL1313	Airline B	Phoenix	On Time	Best
16	FL1252	Airline D	Phoenix	On Time	Best
19	FL1560	Airline B	Chicago	On Time	Best
13	FL1681	Airline C	Houston	On Time	Best

## Top Performing Flights :

This table highlights flights categorized as 'Best' based on their **consistent on-time performance (90%+ arrival rate) and high customer satisfaction scores (average 4.5+ stars)**.

## Video Explanation:

### task 3 continuation and task 4 Starting:

<https://www.loom.com/share/7c1eff94796b495daa990b2a86c607b5?sid=7969fb5f-afa1-42aa-928d-9af5eed460a>

### task4 continuation and task5 Starting:

<https://www.loom.com/share/803f9d1d4bb94299962e768d8ee9c62e?sid=7624ac36-0d00-405f-8106-7a198978816e>

## 5) Visualization and Interactive Features:

- **Passenger Count by Airline**

→ Show a chart that compares **how many passengers** each **airline** carried.

- **Ticket Booking Statuses**

→ Create a visual (like a pie chart or bar chart) that shows the **breakdown of ticket statuses** — like Confirmed, Cancelled, Pending, etc.

- **Flights by Airline and Destination**

→ Display a visual showing how many **flights** each **airline** has going to different **destinations**.

1. **Destination and Airline Filters**

→ Let users **click and choose** specific **destinations** or **airlines** to see related data.

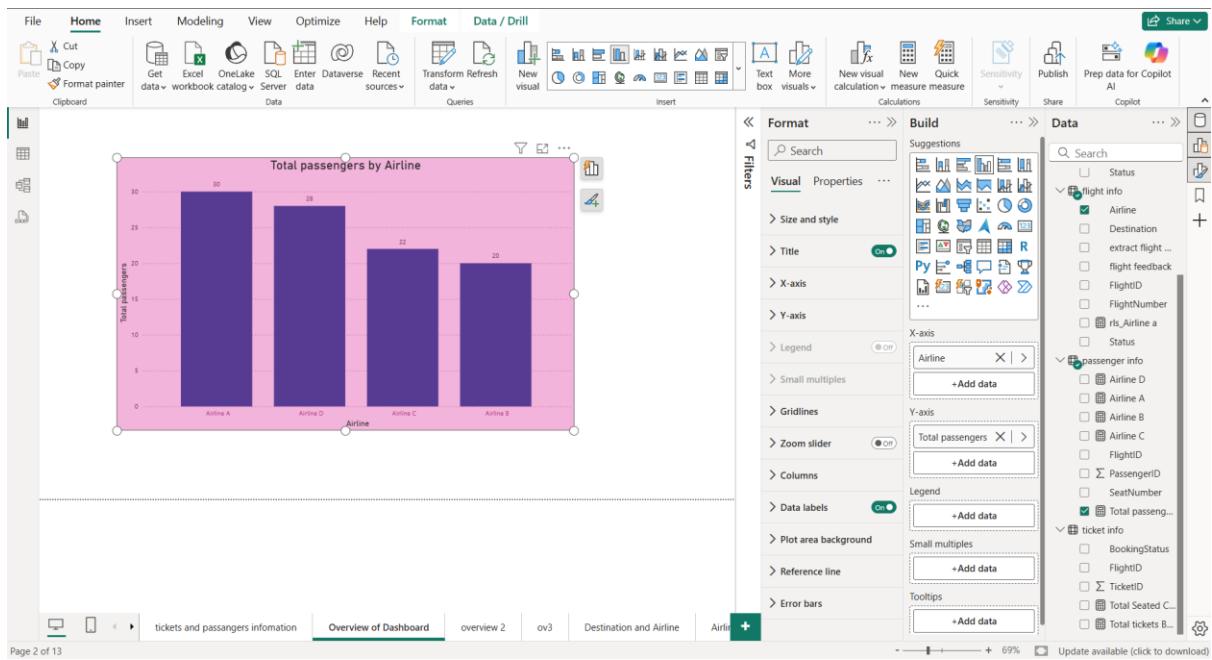
2. **Quick Views**

→ Add buttons or filters for **fast access to important summaries**, like total flights or on-time performance.

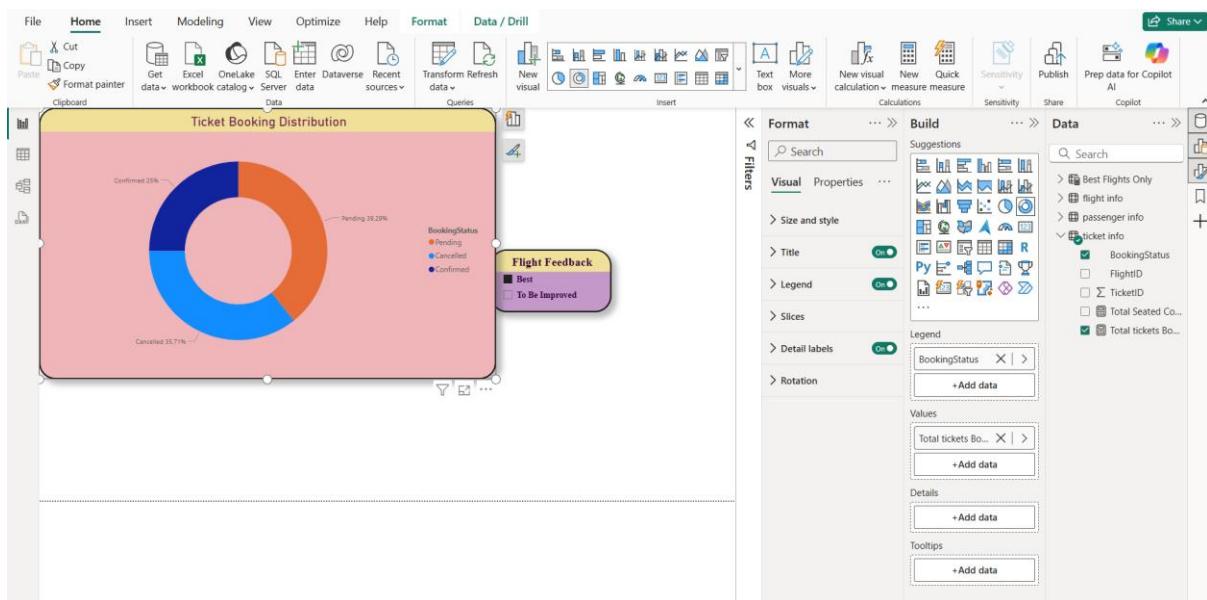
3. **Airline-Specific Pages**

→ Create **separate pages** or views for each airline, showing all data related just to that airline (like their routes, performance, and bookings).

- a) **Passenger count by Airline:**



## b) Ticket booking Statuses:



## c) Flight's by Airline:

Flight Feedback

- Best
- To Be Improved

Flight Count by Airline and Destination

Airline	Chicago	Houston	Los Angeles	New York	Phoenix	Total
Airline A	8	14	7	9	10	48
Airline B	5	6	9	10	11	41
Airline C	5	14	10	13	7	49
Airline D	15	9	16	8	14	62
<b>Total</b>	<b>33</b>	<b>43</b>	<b>42</b>	<b>40</b>	<b>42</b>	<b>200</b>

Format

Build

Data

## a) Destination and Airline Filters:

Total passengers by Airline

Ticket Booking Distribution

Flight Feedback

- Best
- To Be Improved

Flight Count by Airline and Destination

Airline	Chicago	Houston	Los Angeles	New York	Phoenix	Total
Airline A	8	14	7	9	10	48
Airline B	5	6	9	10	11	41
Airline C	5	14	10	13	7	49
Airline D	15	9	16	8	14	62
<b>Total</b>	<b>33</b>	<b>43</b>	<b>42</b>	<b>40</b>	<b>42</b>	<b>200</b>

Format

Build

Data

Ticket Booking Distribution

Flight Feedback

- Best
- To Be Improved

Flight Count by Airline and Destination

Airline	Chicago	Houston	Los Angeles	New York	Phoenix	Total
Airline A	9	10	48			
Airline B	10	11	41			
Airline C	13	7	49			
Airline D	8	14	62			
<b>Total</b>	<b>40</b>	<b>42</b>	<b>200</b>			

Format

Build

Data

## b) Quick Views:

The screenshot shows a Power BI desktop interface with a dashboard titled "Destination and Airline". The dashboard contains several visualizations: a bar chart for "Total passengers by Airline", a donut chart for "Ticket Booking Distribution", a matrix for "Flight Count by Airline and Destination", and a table for "Flight feedback". The "Format" pane is open on the right, showing settings for a "Format button" named "New York Flights by Ai...". The pane includes sections for "Size and style", "Title", "Button style", "Rotation", and "Action". The "Action" section is expanded, showing options like "Type" (set to "Bookmark"), "Bookmark" (set to "New York Flights by ..."), "Destination" (set to "None"), and "Web URL". A tooltip for the "Action" pane states: "To start building, select a visual that requires data". The ribbon at the top has "View" selected.

## c) Airline-specific Pages:

The screenshot shows a Power BI desktop interface with a page titled "Airline-Specific Pages" for "Airline A". The page features a "Drill Through value" button, a table of flight data, and a bar chart. The table shows flight details like FlightNumber, Destination, Status, and flight feedback. The bar chart shows the "Count of FlightID by Status" with categories: Cancelled (18), Delayed (15), and On Time (15). The ribbon at the top has "View" selected.

FlightNumber	Destination	Status	flight feedback
FL1071	Phoenix	On Time	Best
FL1130	New York	On Time	Best
FL1134	New York	On Time	Best
FL1189	New York	On Time	Best
FL1216	Chicago	On Time	Best
FL1345	New York	On Time	Best
FL1389	Houston	On Time	Best
FL1391	Phoenix	On Time	Best
FL1466	Phoenix	On Time	Best
FL1504	Phoenix	On Time	Best
FL1508	New York	On Time	Best
FL1683	Houston	On Time	Best
FL1769	Chicago	On Time	Best
FL1775	Phoenix	On Time	Best
FL1966	Los Angeles	On Time	Best
FL1034	Los Angeles	Delayed	To Be Improved

**Total passengers by Airline**

Airline	Total passengers
Airline A	30
Airline B	28
Airline C	22
Airline D	20

**Ticket Booking Distribution**

**Flight Feedback**

**Flight Count by Airline and Destination**

Airline	Chicago	Houston	Los Angeles	New York	Phoenix	Total
Airline A	8	14	7	9	10	48
Airline B	5	6	9	10	11	41
Airline C	5	14	10	13	7	49
Airline D	15	9	16	8	14	62
<b>Total</b>	<b>33</b>	<b>43</b>	<b>42</b>	<b>40</b>	<b>42</b>	<b>200</b>

**Build**

- Suggestions
- Filters
- Data
  - > Best Flights Only
  - > flight info
    - Airline
    - Destination
    - extract flight nu...
    - flight feedback
    - FlightID
    - FlightNumber
    - rs\_Airline a
    - Status
  - > passenger info
  - > ticket info
    - BookingStatus
    - FlightID
    - $\Sigma$  TicketID
    - Total Seated Co...
    - Total tickets Bo...

**Fields**

- Destination
- +Add data

**Flight Specific Pages**

**Drill Through value**

**Airline C**

**Count of FlightID by Status**

Status	Count of FlightID
On Time	19
Cancelled Status	15
Delayed	15

**FlightNumber**

**Destination**

**Status**

**flight feedback**

FlightNumber	Destination	Status	flight feedback
FL1004	New York	On Time	Best
FL1020	New York	On Time	Best
FL1040	Houston	On Time	Best
FL1128	Los Angeles	On Time	Best
FL1330	Houston	On Time	Best
FL1366	Los Angeles	On Time	Best
FL1378	Chicago	On Time	Best
FL1454	Chicago	On Time	Best
FL1498	Phoenix	On Time	Best
FL1502	Houston	On Time	Best
FL1647	New York	On Time	Best
FL1681	Houston	On Time	Best
FL1686	Phoenix	On Time	Best
FL1726	Phoenix	On Time	Best
FL1862	New York	On Time	Best
FL1870	Los Angeles	On Time	Best

**Video Explanation:**

**task4 continuation and task5 Starting:**

<https://www.loom.com/share/803f9d1d4bb94299962e768d8ee9c62e?sid=7624ac36-0d00-405f-8106-7a198978816e>

**task5 continuation1:**

<https://www.loom.com/share/7017165035ab41c9bc850dca06c0cc06?sid=922f7a3a-dd03-4d3f-9b8e-af67f385ef86>

**task5 continuation2:**

<https://www.loom.com/share/3285c01c7881477bbe1956db1386a98c?sid=2bb8139b-c6d9-4a7f-99ad-fa7109c692be>

**task5 continuation3:**

<https://www.loom.com/share/2a95ac797e9d47c58c31fbcc580fe1f9f?sid=c405c388-ba3e-4907-a64fc4112494278a>

**task 5 continuation4:**

<https://www.loom.com/share/39233ef487dc44289546ff704d2d0198?sid=07ca47b7-8480-47b7-9784-41ffbcc50d3f>

## 6) Final Dashboard and Power BI service:

### a) Design a Comprehensive Dashboard

Build a full dashboard with all important visuals like:

- Total passengers
- Flights by airline
- Ticket status breakdown
- Best vs. To Be Improved flights
- Filters for destination, airline, and time
- The goal is to give users a complete view of flight performance and bookings.

### b) Configure Row-Level Security (RLS)

RLS means **limiting access** so that certain users **can only see data** relevant to them.

For example, if you set RLS for **Airline A**, then a user assigned to it can only see **Airline A's flights and data** — no other airlines.

It helps in **protecting sensitive or company-specific data**.

### c) Set Up Schedule Refresh at 5 PM Daily

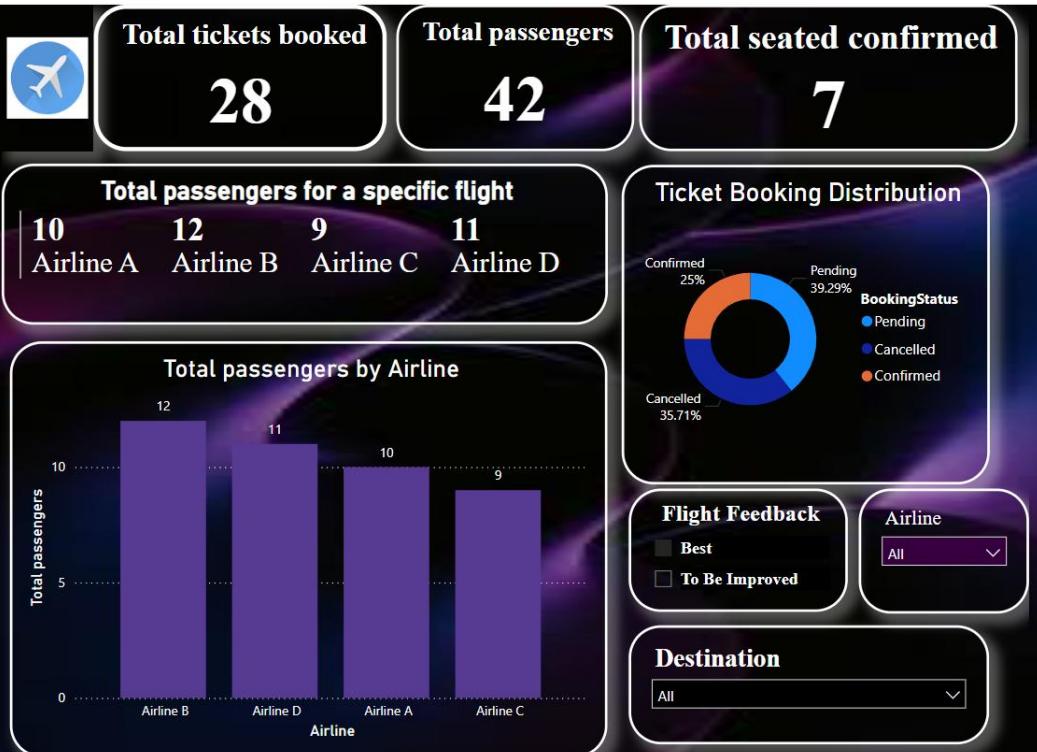
d) This means the dashboard will **automatically update** every day at **5 PM** with the **latest data**.

It ensures users always see **current and accurate** information without needing to refresh manually.

## a) Design a Comprehensive Dashboard:

The image shows two screenshots of the Power BI interface. The top screenshot is the 'Power BI Home' screen, displaying a sidebar with various navigation options like Home, Create, Browse, OneLake, Apps, Metrics, Monitor, Workspaces, and My workspace. Below the sidebar, there's a 'Recent' section with three items: 'Dashboard quick review' (Report), 'Dashboard quick review' (Dashboard), and 'My workspace' (Workspace). The bottom screenshot shows a detailed flight booking dashboard titled 'This include the summary PAGE 1'. It features several visualizations: a summary card with 'Total tickets booked' (28), 'Total passengers' (42), and 'Total seated confirmed' (7); a bar chart showing 'Total passengers for a specific flight' by airline (Airline A: 10, Airline B: 12, Airline C: 9, Airline D: 11); a donut chart showing 'Ticket Booking Distribution' with segments for Pending (39.29%), Confirmed (25%), and Cancelled (35.71%); and a bar chart showing 'Total passengers by Airline' with values 12, 11, 10, and 9. There are also sections for 'Flight Feedback' (Best and To Be Improved) and 'Airline' (All).

This include the summary  
PAGE 1



The secondary summary  
PAGE 2

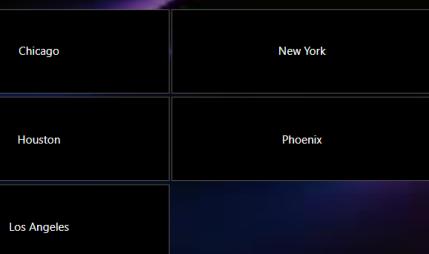
Airline	Chicago	Houston	Los Angeles	New York	Phoenix	Total
Airline A	8	14	7	9	10	48
Airline B	5	6	9	10	11	41
Airline C	5	14	10	13	7	49
Airline D	15	9	16	8	14	62
Total	33	43	42	40	42	200

Flight Feedback

- Best
- To Be Improved



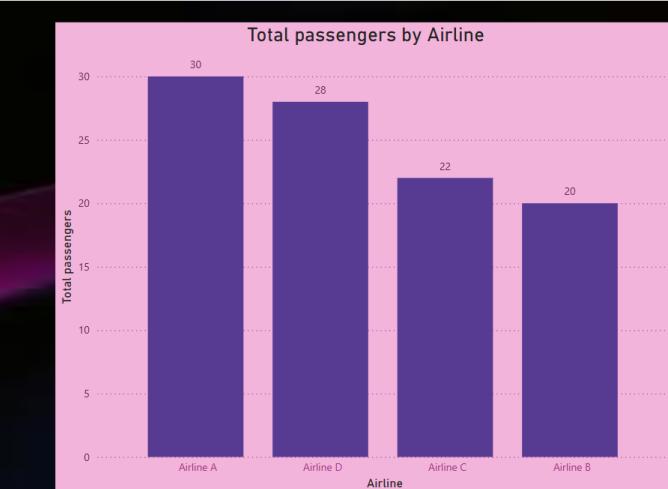
Destination



Airline



Back



## Airline Passenger Market Share :

During the selected period,  
**Airline A leads the market with 30 passengers**, followed by Airline B---28 Airline D---20 and Airline C--22

Total tickets booked

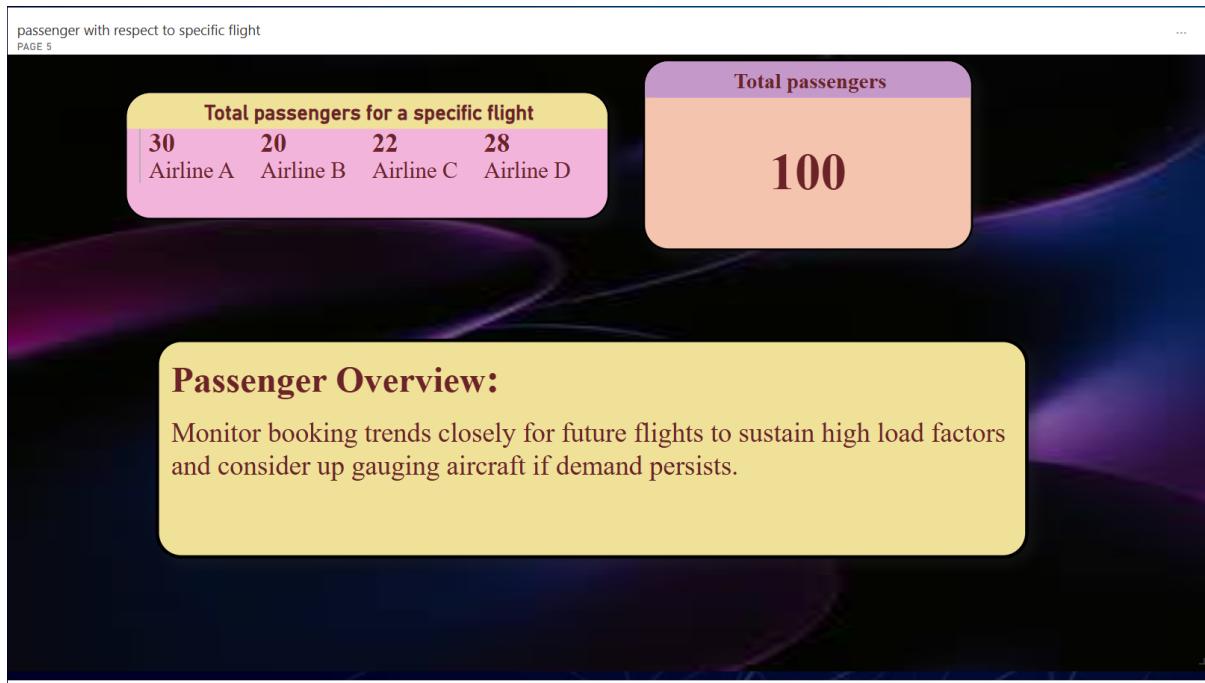
50

Total seated confirmed

17

## Ticket Booking Overview

We have successfully booked **17 tickets** in the selected period.



The Best flight with respect there Status  
PAGE 6

**Top Performing Flights :**

This table highlights flights categorized as 'Best' based on their **consistent on-time performance (90%+ arrival rate) and high customer satisfaction scores (average 4.5+ stars).**

FlightID	FlightNumber	Airline	Destination	Status	flight feedback
1001	FL1102	Airline D	Houston	On Time	Best
1002	FL1435	Airline B	Chicago	On Time	Best
1006	FL1071	Airline A	Phoenix	On Time	Best
1011	FL1466	Airline A	Phoenix	On Time	Best
1013	FL1330	Airline C	Houston	On Time	Best
1020	FL1130	Airline A	New York	On Time	Best
1023	FL1769	Airline A	Chicago	On Time	Best
1025	FL1491	Airline D	Phoenix	On Time	Best
1027	FL1805	Airline D	Chicago	On Time	Best
1028	FL1385	Airline D	Chicago	On Time	Best
1029	FL1191	Airline D	Los Angeles	On Time	Best
1030	FL1955	Airline B	Phoenix	On Time	Best
1031	FL1276	Airline B	New York	On Time	Best
1033	FL1459	Airline D	New York	On Time	Best
1034	FL1313	Airline B	Phoenix	On Time	Best
1036	FL1252	Airline D	Phoenix	On Time	Best
1039	FL1560	Airline B	Chicago	On Time	Best
1043	FL1681	Airline C	Houston	On Time	Best

Back | ⌂ ⌂ ⌂ ⌂ ⌂ ⌂

### c) Configure Row-Level Security (RLS):

File Home Insert **Modeling** View Optimize Help

Manage relationships Relationships New visual calculation New measure New table Calculations

### Manage security roles

Create new security roles and use filters to define row-level data restrictions.

**Roles**

+ New

**Select tables**

flight info, passenger info, ticket info

**Filter data**

Show data if All of these rules are true

Column	Condition	Value
Airline	Equals	Airline A

+ New

Save Close

Data ... Search

- > Best Flights Only
  - flight info
    - Airline
    - Destination
    - extract flight nu...
    - flight feedback
    - FlightID
    - FlightNumber
    - rs.Airline a
    - Status
- > passenger info
  - passenger info
- > ticket info
  - BookingStatus
  - FlightID
  - TicketID
  - Total Seated Co...
  - Total tickets Bo...

File Home Insert **Modeling** View Optimize Help

Manage relationships Relationships New visual calculation New measure New table Calculations

Mark as date Change detection Page refresh Parameters Manage roles Security Q&A Language Linguistic setup Q&A schema

### Airline-Specific Pages

Drill Through value

Airline

View as roles

None  
 Other user  
 Airline A Viewers

OK Cancel

Count of FlightID

FlightNumber Destination Status flight feedback

FlightNumber	Destination	Status	flight feedback
FL1004	New York	On Time	Best
FL1020	New York	On Time	Best
FL1040	Houston	On Time	Best
FL1128	Los Angeles	On Time	Best
FL1330	Houston	On Time	Best
FL1366	Los Angeles	On Time	Best
FL1378	Chicago	On Time	Best
FL1454	Chicago	On Time	Best
FL1498	Phoenix	On Time	Best
FL1502	Houston	On Time	Best
FL1647	New York	On Time	Best
FL1681	Houston	On Time	Best
FL1686	Phoenix	On Time	Best
FL1726	Phoenix	On Time	Best
FL1862	New York	On Time	Best
FL1870	Los Angeles	On Time	Best

On Time Cancelled Status Delayed

Build ... Data

Suggestions

Filters

Search

- > Best Flights Only
  - flight info
    - Airline
    - Destination
    - extract flight nu...
    - flight feedback
    - FlightID
    - FlightNumber
    - rs.Airline a
    - Status
- > passenger info
  - passenger info
- > ticket info
  - BookingStatus
  - FlightID
  - TicketID
  - Total Seated Co...
  - Total tickets Bo...

## Row-Level Security

The screenshot shows the 'Members (1)' section of the RLS configuration for the role 'Airline A Viewers (1)'. It displays a list of members with one entry: 'j Ritu'. Below the list are 'Add' and 'Save' buttons.

Member
j Ritu

Save Cancel

## d) Set Up Schedule Refresh at 5 PM Daily:

The screenshot shows the 'My workspace' settings page in Power BI. A modal window titled 'Choose from predesigned task flows or add a task to build one' is open, with the 'Get a predesigned task flow' button highlighted. The main workspace view shows a table of items with columns: Name, Owner, Refreshed, Next refresh, Endorsement, and Sensitivity.

Name	Owner	Refreshed	Next refresh	Endorsement	Sensitivity
Dashboard quick review	j Ritu	—	—	—	—
project 3	j Ritu	7/12/2025, 8:58:48 ...	—	—	—
project 3	j Ritu	7/12/2025, 8:58:4...	7/13/2025, 5:00:0...	—	—

Trial:  
58 days left



## Settings

X

### Preferences

[General →](#)

[Notifications →](#)

[Item settings →](#)

[Developer settings →](#)

---

### Resources and extensions

[Manage personal storage →](#)

[Power BI settings →](#)

[Manage connections and gateways →](#)

[Manage embed codes →](#)

[Azure Analysis Services migrations →](#)

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### Governance and insights

[Admin portal →](#)

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General Dashboards Semantic models Workbooks Reports Dataflows

project 3

### Settings for project 3

[View semantic model](#)

Last refresh succeeded: 12/07/2025, 20:58:48  
Next refresh: 13/07/2025, 17:00:00  
[Refresh history](#)

**Semantic model description**

Describe the contents of this semantic model.  
500 characters left

[Apply](#) [Discard](#)

**Gateway and cloud connections**

To use a data gateway, make sure the computer is online and the data source is added in [Manage Connections and Gateways](#). If you're using an On-premises data gateway (standard mode), please select the corresponding data sources and then click apply.

**Gateway connections**

Use an On-premises or VNet data gateway

On

Gateway	Department	Contact information	Status	Actions
(@) Personal Gateway			Running on LAPTOP-AAT0UDVU	

**Cloud connections**

No cloud connections

[Apply](#) [Discard](#)

**Refresh**

**Time zone**

Time zone configuration is applied not only to determine the schedule refresh time but also to establish the current date and time for incremental refresh models during on-demand and API refreshes. [Learn more](#)

(UTC+05:30) Chennai, Kolkata, Mumbai

**Configure a refresh schedule**

Define a data refresh schedule to import data from the data source into the semantic model. [Learn more](#)

On

**Refresh frequency**

Daily

**Time**

5 00 PM X

[Add another time](#)

**Send refresh failure notifications to**

Semantic model owner  
 These contacts:

Enter email addresses

[Apply](#) [Discard](#)

# Video Explanation:

## task6:

<https://www.loom.com/share/2d32334643fb483284cd385f67822dc?sid=5652a36f-25a3-4b6f-8c3dc2e40619e1e1>

**task6 continuation:**

<https://www.loom.com/share/40de8b0d2d3541729e89c837c93c01cb?sid=b53eb9e5-5d7e-46f0-8278-9c69b7f37853>

**task6 continuation:**

<https://www.loom.com/share/c3292075f6b2498190e7df133520bd53?sid=07fa0d37-e357-40b0-8f9e-8d80d44e8773>

~ Thank you! ~

If I do any mistakes then sorry and kindly send me feedback based on my video explanation and other things also