Airline Data Management and Performance Analysis Dashboard in Power BI

Prepared and Cleaned Data

Flight Details

Passenger Details

File | Home | Transform | Add Column | View | Tools | Help

Close & Apply — Close
New Source / Recent Sources / Enter Data — New Query
Data source settings — Data Sources
Manage Parameters — Parameters
Refresh Preview / Properties / Advanced Editor / Manage — Query
Choose Columns / Remove Columns — Manage Columns
Keep Rows / Remove Rows — Reduce Rows
Sort
Split Column / Group By — Transform
Data Type: Whole Number / Use First Row as Headers / Replace Values
Merge Queries / Append Queries / Combine Files — Combine
Text Analytics / Vision / Azure Machine Learning — AI Insights

Queries [4]
- flight_information
- passenger_informa...
- ticket_information
- ticket_info

`= Table.TransformColumnTypes(#"Removed Blank Rows",{{"PassengerID", Int64.Type}, {"FlightID", Int64.Type},`

	1²₃ PassengerID	1²₃ FlightID	ABC 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

Query Settings

▲ PROPERTIES
Name
passenger_information
All Properties

▲ APPLIED STEPS
- Source
- Navigation
- FilterNullAndWhitespace
- Removed Other Columns
- Promoted Headers
- Changed Type
- Removed Duplicates
- Removed Blank Rows
- ✕ Changed Type1

3 COLUMNS, 100 ROWS   Column profiling based on top 1000 rows
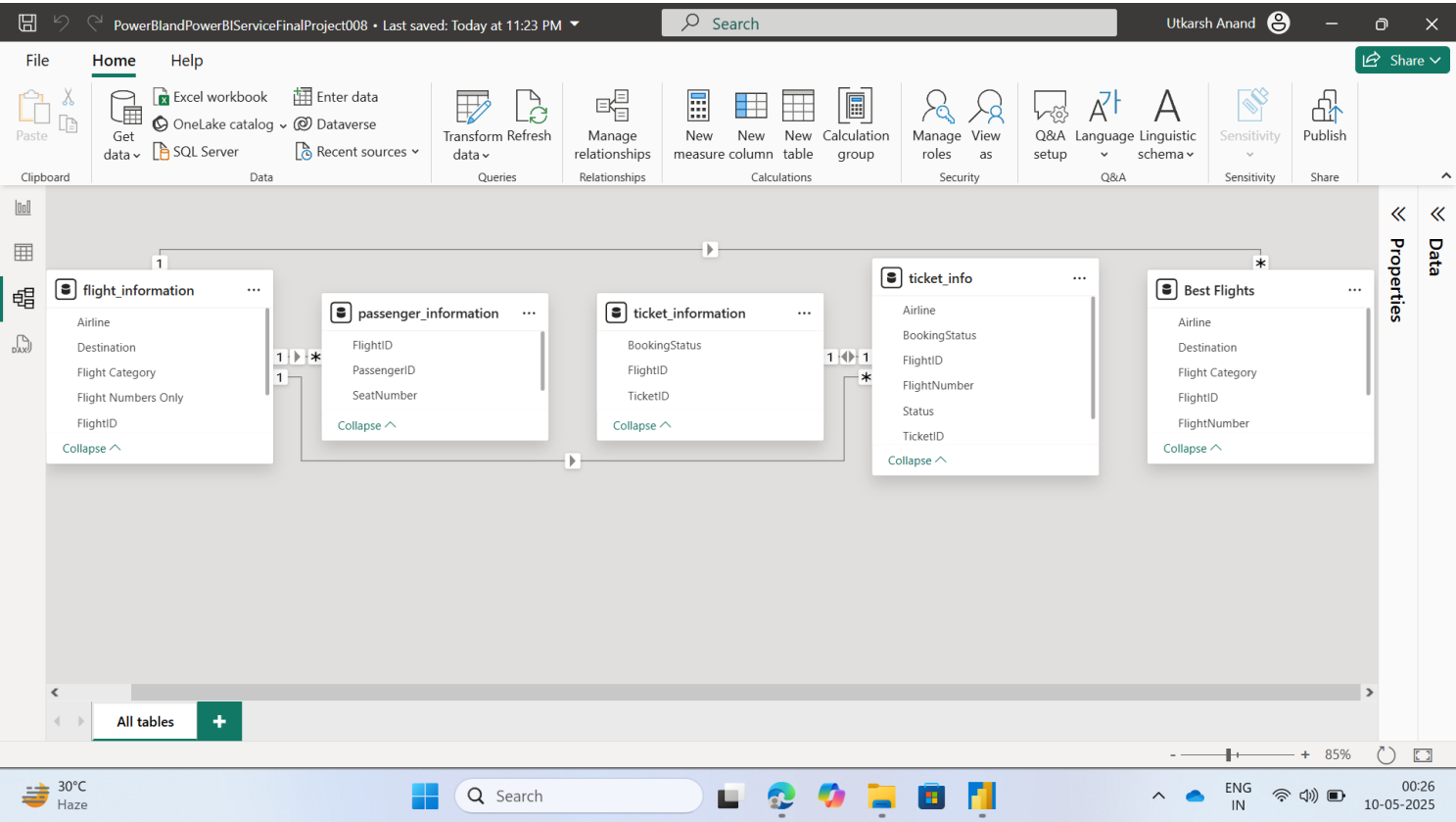
PREVIEW DOWNLOADED AT 00:05

30°C Haze

ENG IN

00:14
10-05-2025

Ticket Informations

Data Modeling

Enhanced Data Insights

Best Flight Details

Calculations Using DAX

Visualizations and Interactive Features
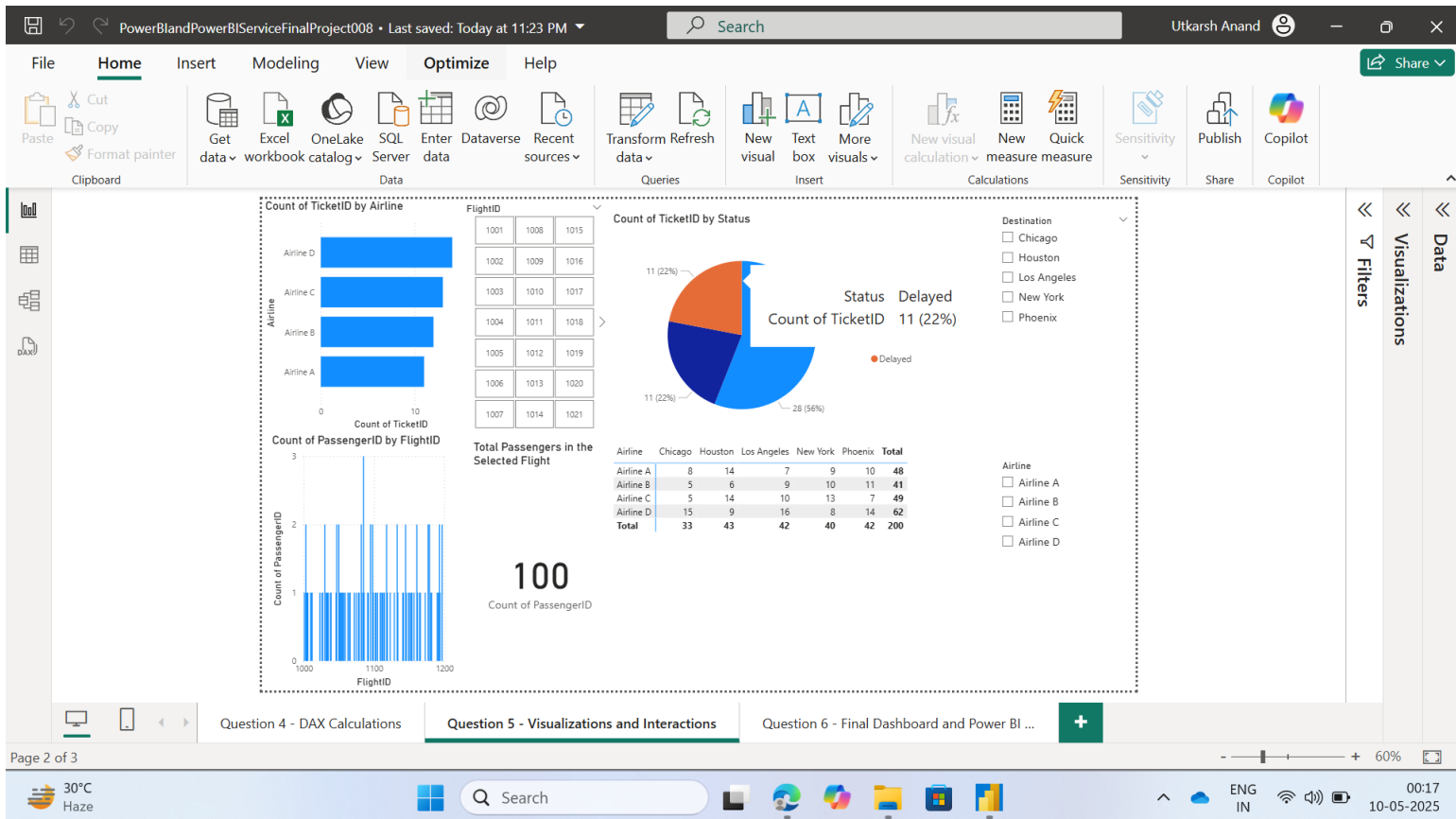
Final Dashboard and Power BI Service

Row Level Security

Row-Level Security

Airline A Information Viewer (1)

Members (1)

People or groups who belong to this role

Enter email addresses

Add

Nitin Kumar   ×

Save   Cancel

Back   **Viewing:** PowerBlandPowerBIServiceFin...   **Now viewing as:** Nitin Kumar

⊗ This user does not have access to the dataset or report.

Pages

Question 4 - DAX Calcul...

Question 5 - Visualizati...

Question 6 - Final Dash...

Count of FlightID by Destination and Airline

Airline A

30
Count of PassengerID

48
Count of FlightID

11
Count of TicketID

Airline
☐ Airline A

Count of TicketID and Count of FlightID by BookingStatus

BookingStatus
☐ Cancelled
☐ Confirmed
☐ Pending

3
(27.27%)   4
(36.36%)   **BookingStatus**
● Cancelled
● Pending
● Confirmed

4
(36.36%)

Count of FlightID and First Destination by Airline

Airline A
Airline

Project Introduction and Key Findings:

**https://drive.google.com/drive/folders/1y3kNLfGKXq_wMHtZDtEAHAwhAzq3UI_T?
usp=sharing**

Report Deliverables by Utkarsh Anand
Thank you for your attention and for reviewing this report.

Thank You