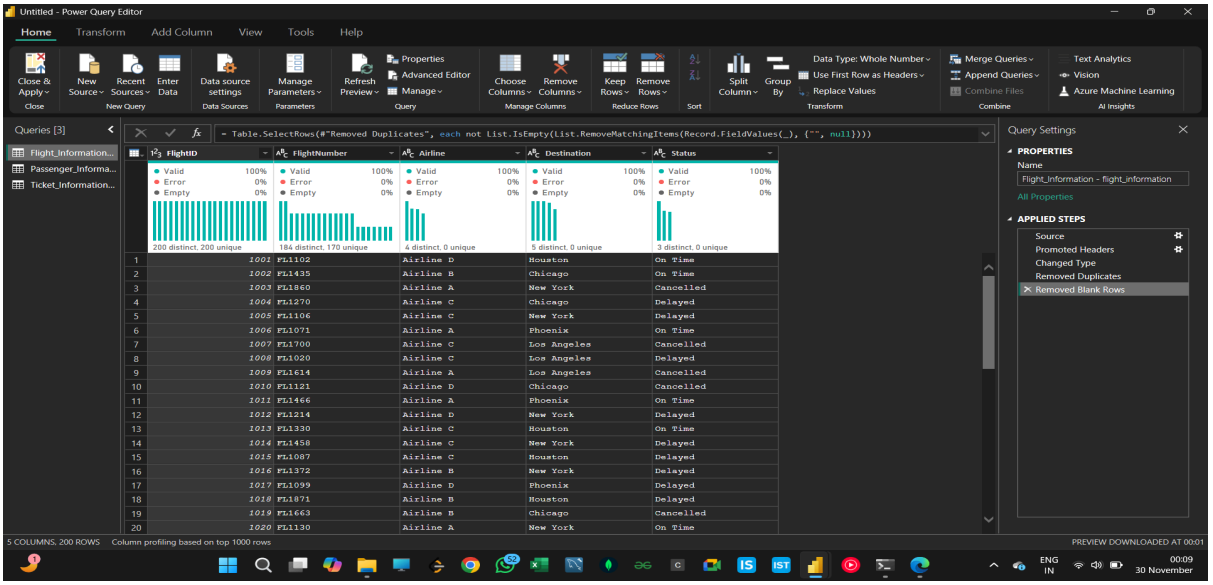
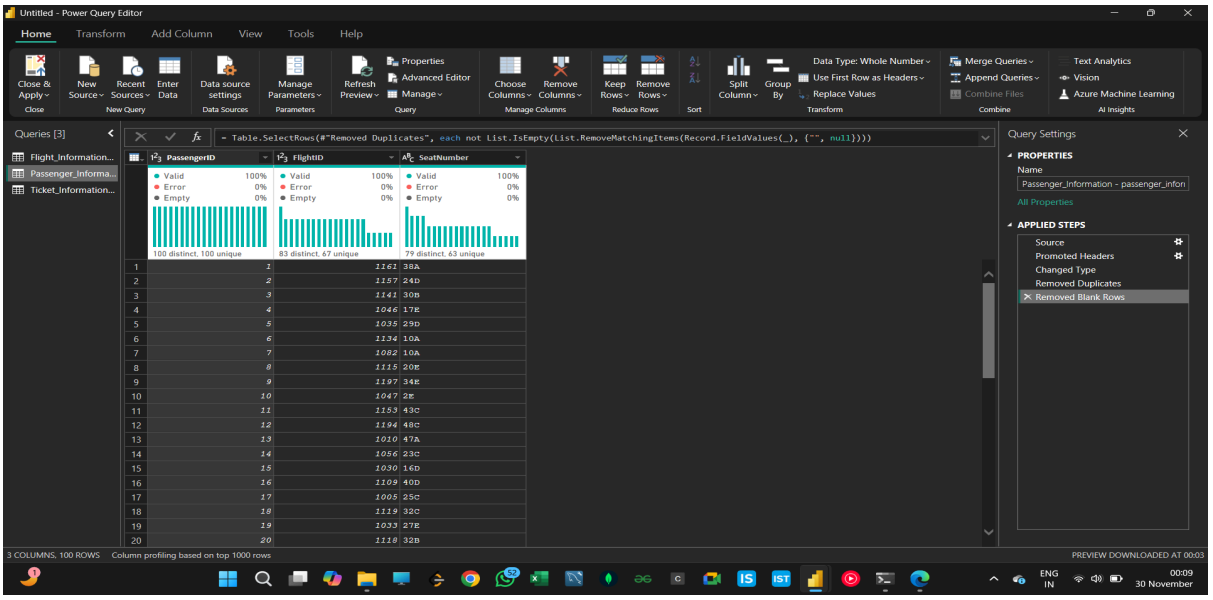
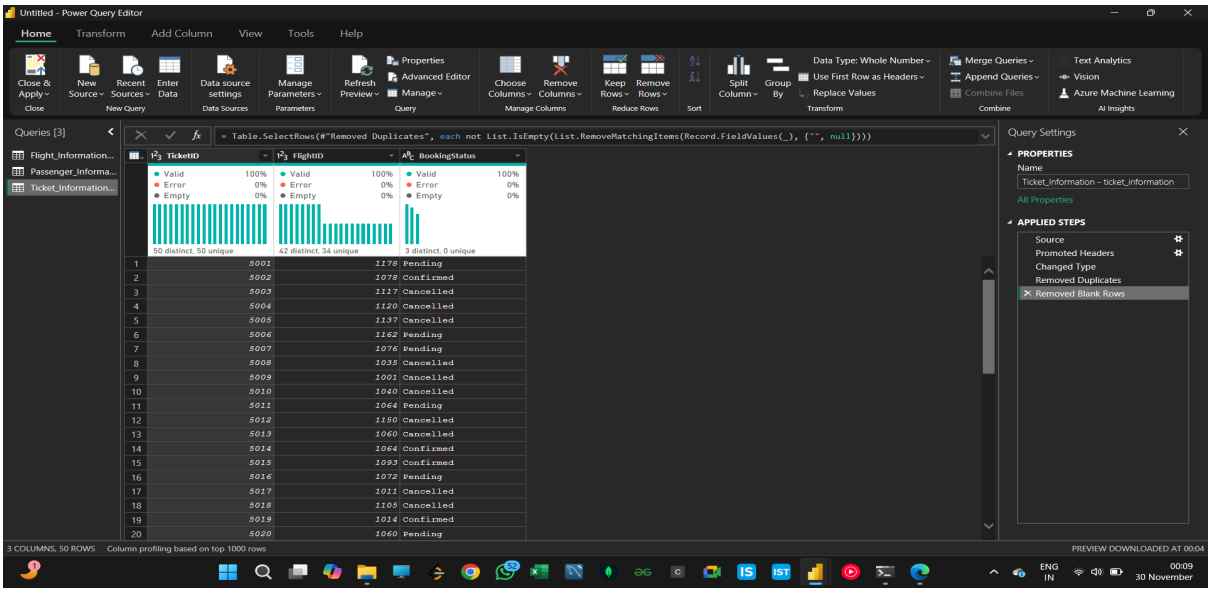
Video Explaination link:
https://drive.google.com/file/d/180FBx5B5Hxp0MOFT4g0aPum9hCKOhkYX/view?usp=drive_link

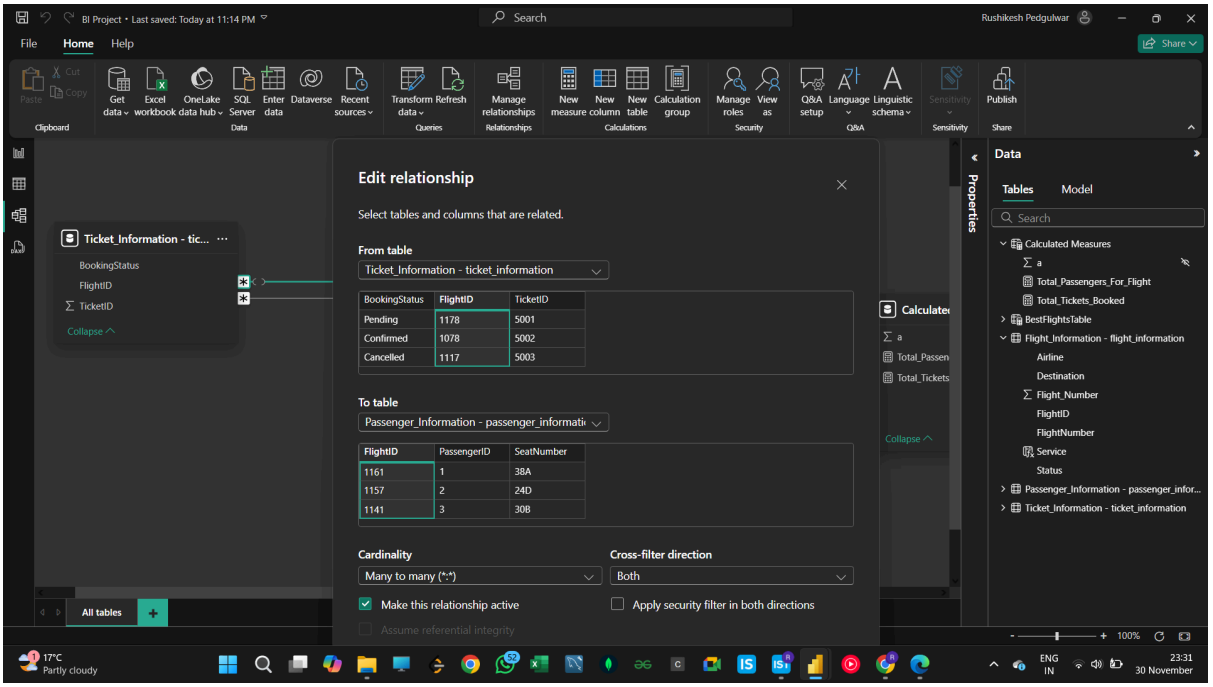
Task-01: Data Preparation & Cleaning

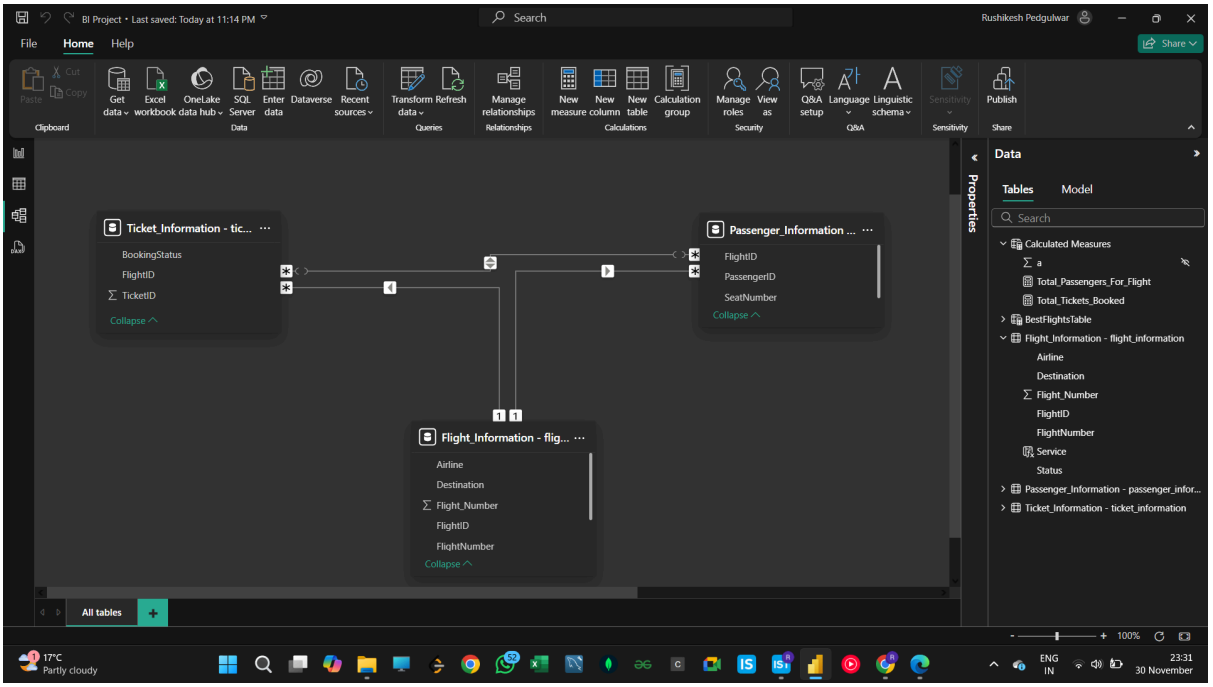






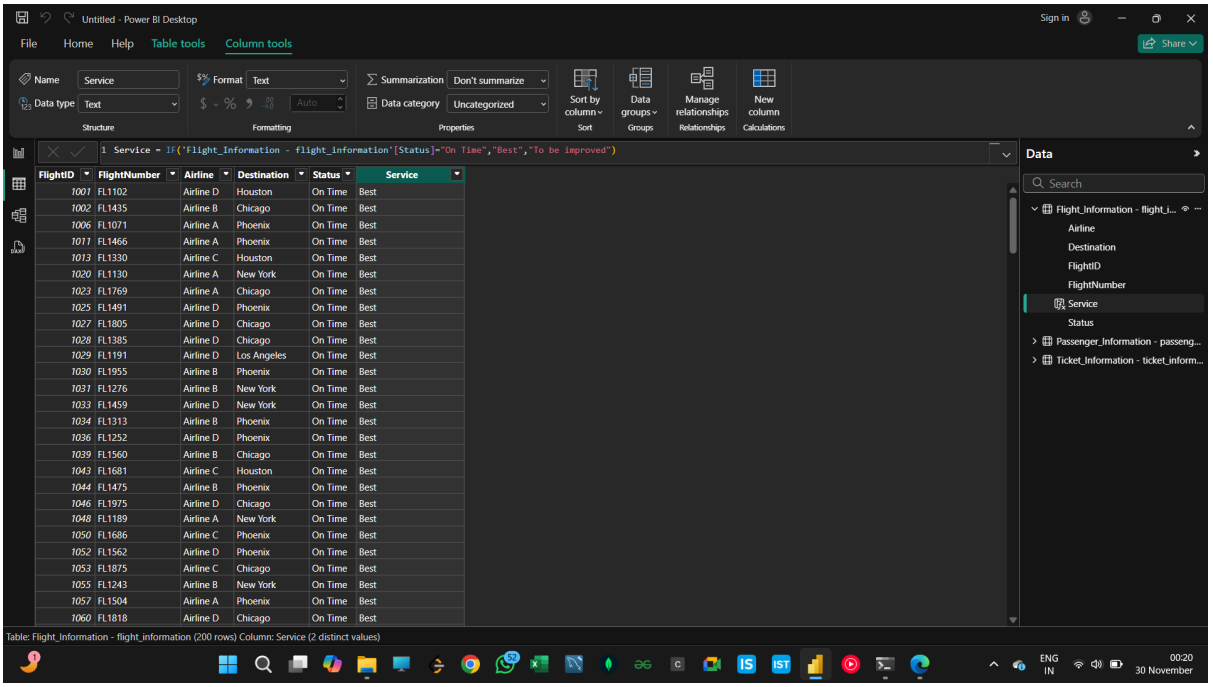
Task-02: Data Modeling





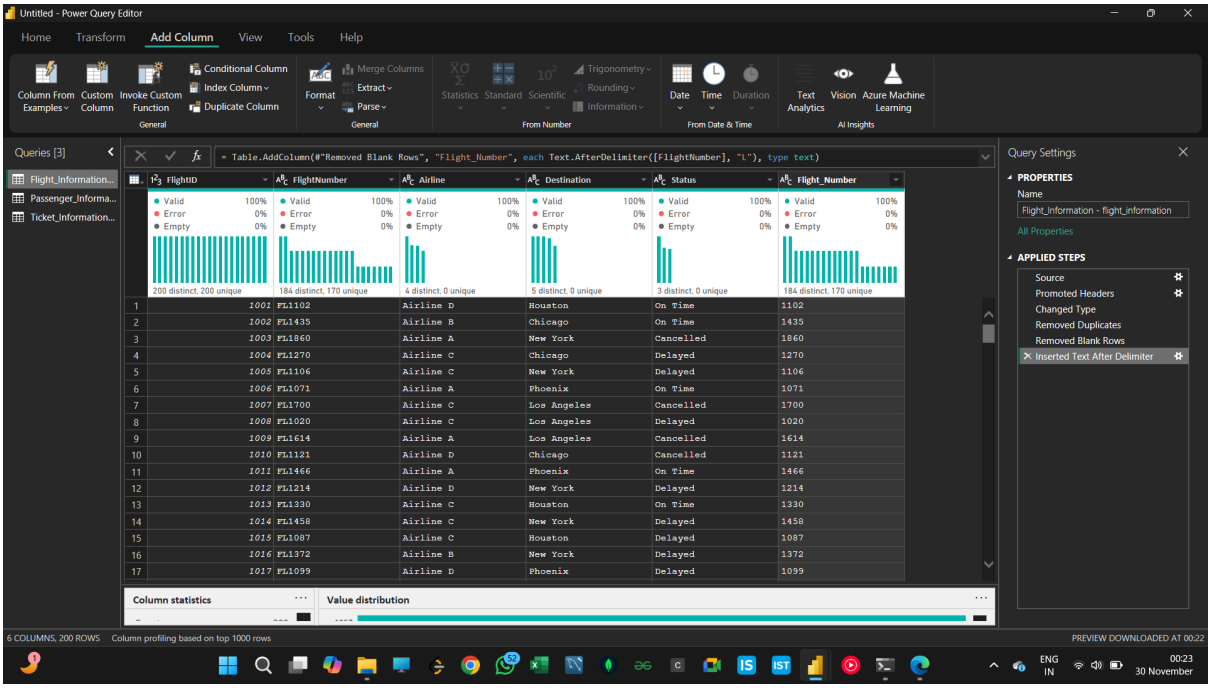
Task-03: Enhanced Data Insights

3.1: Conditional Column



FlightID	FlightNumber	Airline	Destination	Status	Service
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
1044	FL1475	Airline B	Phoenix	On Time	Best
1046	FL1975	Airline D	Chicago	On Time	Best
1048	FL1189	Airline A	New York	On Time	Best
1050	FL1686	Airline C	Phoenix	On Time	Best
1052	FL1562	Airline D	Phoenix	On Time	Best
1053	FL1875	Airline C	Chicago	On Time	Best
1055	FL1243	Airline B	New York	On Time	Best
1057	FL1504	Airline A	Phoenix	On Time	Best
1060	FL1818	Airline D	Chicago	On Time	Best

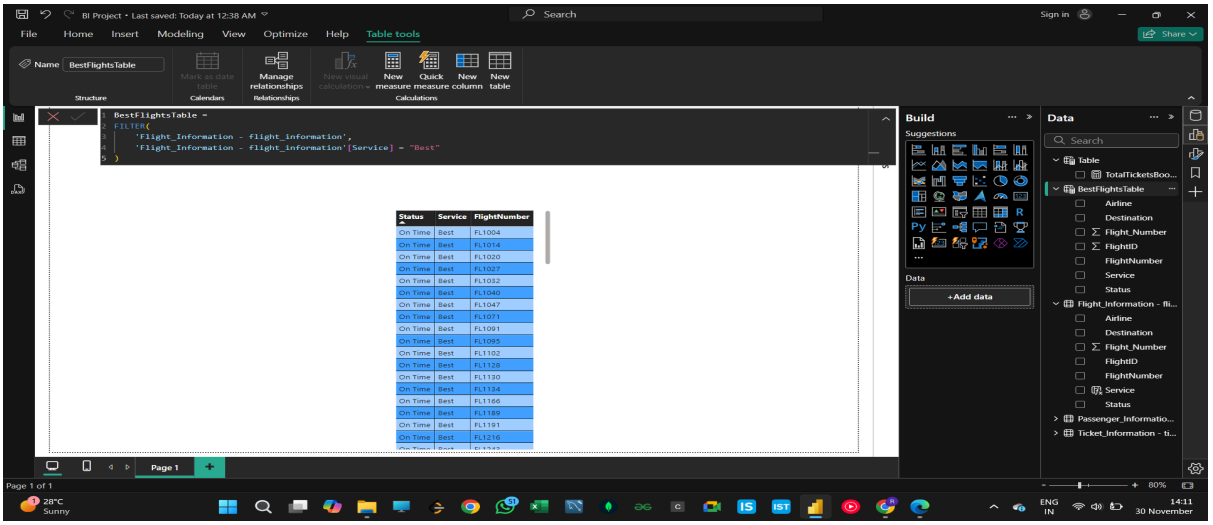
3.2: Column from example



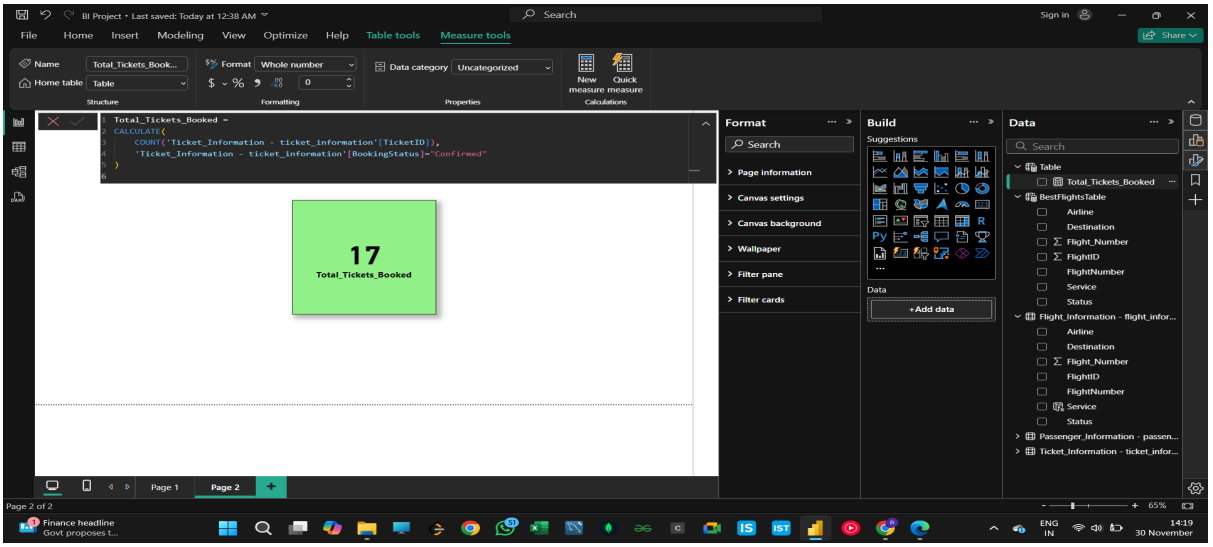
	FlightID	FlightNumber	Airline	Destination	Status	Flight_Number
1	1001	FL1102	Airline D	Houston	On Time	1102
2	1002	FL1435	Airline B	Chicago	On Time	1435
3	1003	FL1860	Airline A	New York	Cancelled	1860
4	1004	FL1270	Airline C	Chicago	Delayed	1270
5	1005	FL1106	Airline C	New York	Delayed	1106
6	1006	FL1071	Airline A	Phoenix	On Time	1071
7	1007	FL1700	Airline C	Los Angeles	Cancelled	1700
8	1008	FL1020	Airline C	Los Angeles	Delayed	1020
9	1009	FL1614	Airline A	Los Angeles	Cancelled	1614
10	1010	FL1121	Airline D	Chicago	Cancelled	1121
11	1011	FL1466	Airline A	Phoenix	On Time	1466
12	1012	FL1214	Airline D	New York	Delayed	1214
13	1013	FL1330	Airline C	Houston	On Time	1330
14	1014	FL1458	Airline C	New York	Delayed	1458
15	1015	FL1087	Airline C	Houston	Delayed	1087
16	1016	FL1372	Airline B	New York	Delayed	1372
17	1017	FL1099	Airline D	Phoenix	Delayed	1099

Task-04: Calculations using DAX

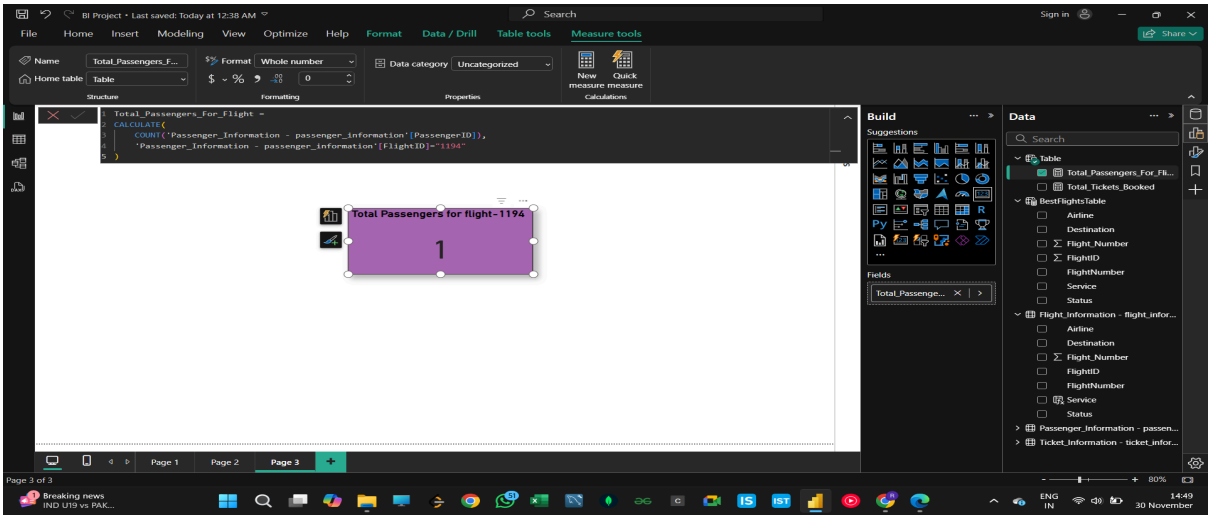
4.1: DAX for “Total passengers for a specific flight”



4.2: DAX for “Total tickets booked”

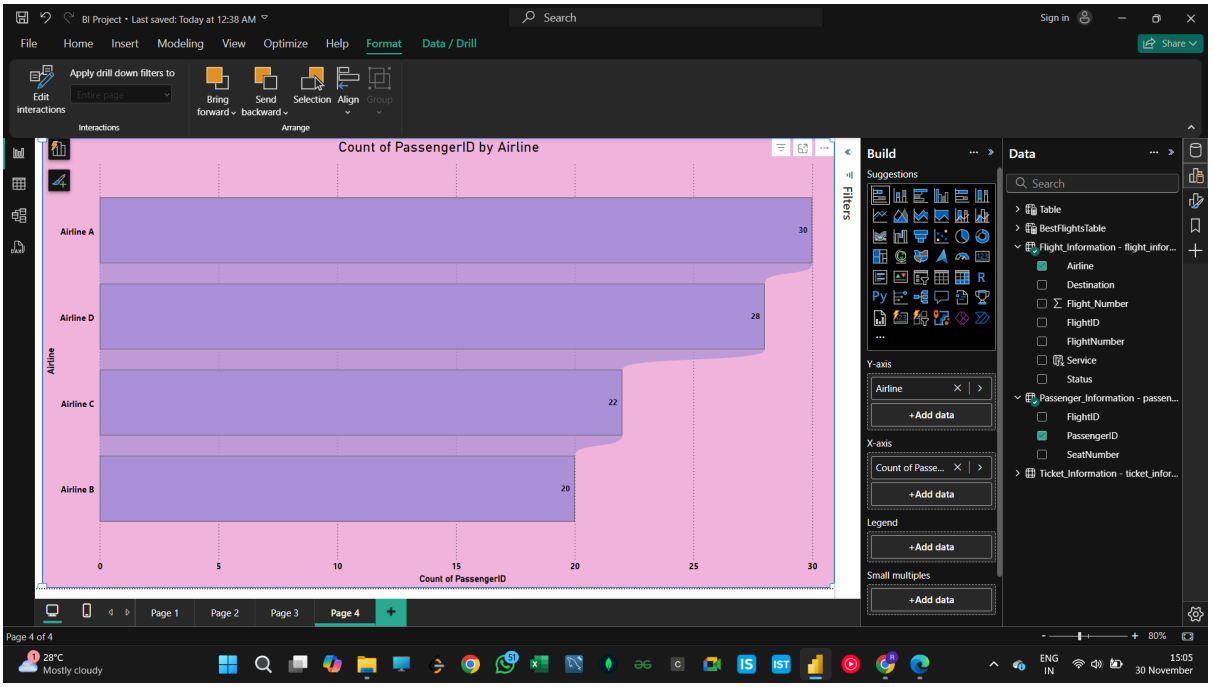


4.3: DAX for “ Filtered table showing "Best" flights only”

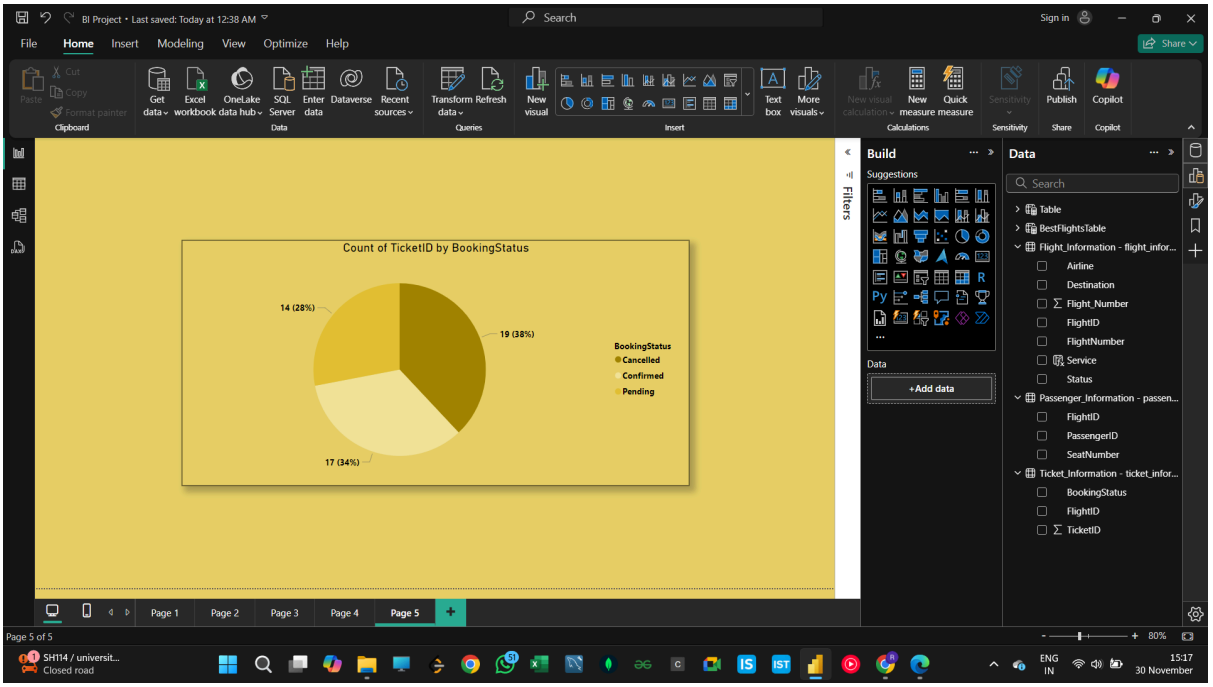


Task-05: Visualization and Interactive Features

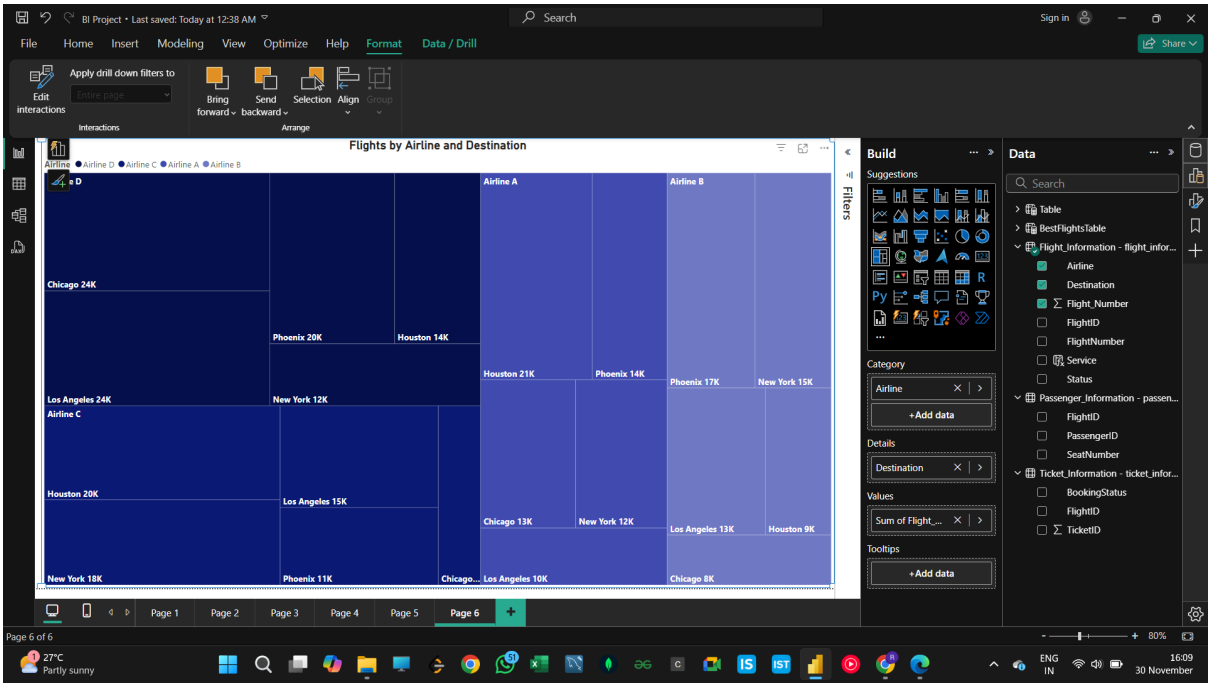
5.1: Passenger count by Airline



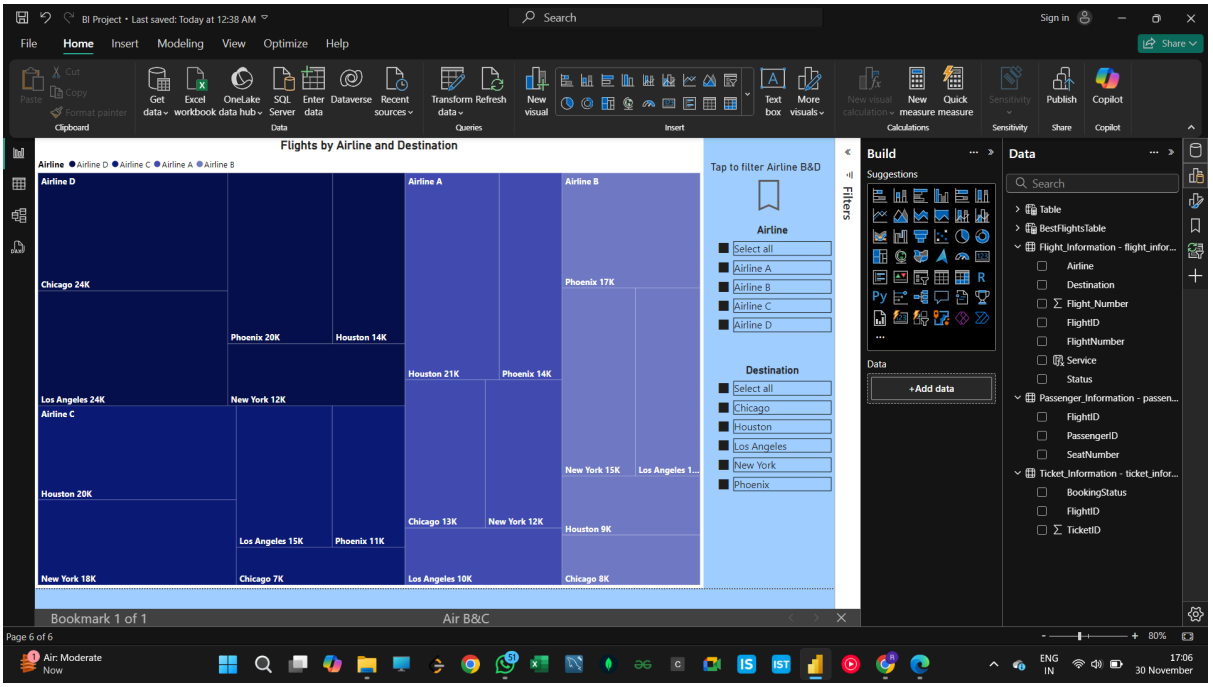
5.2: Ticket Booking Status



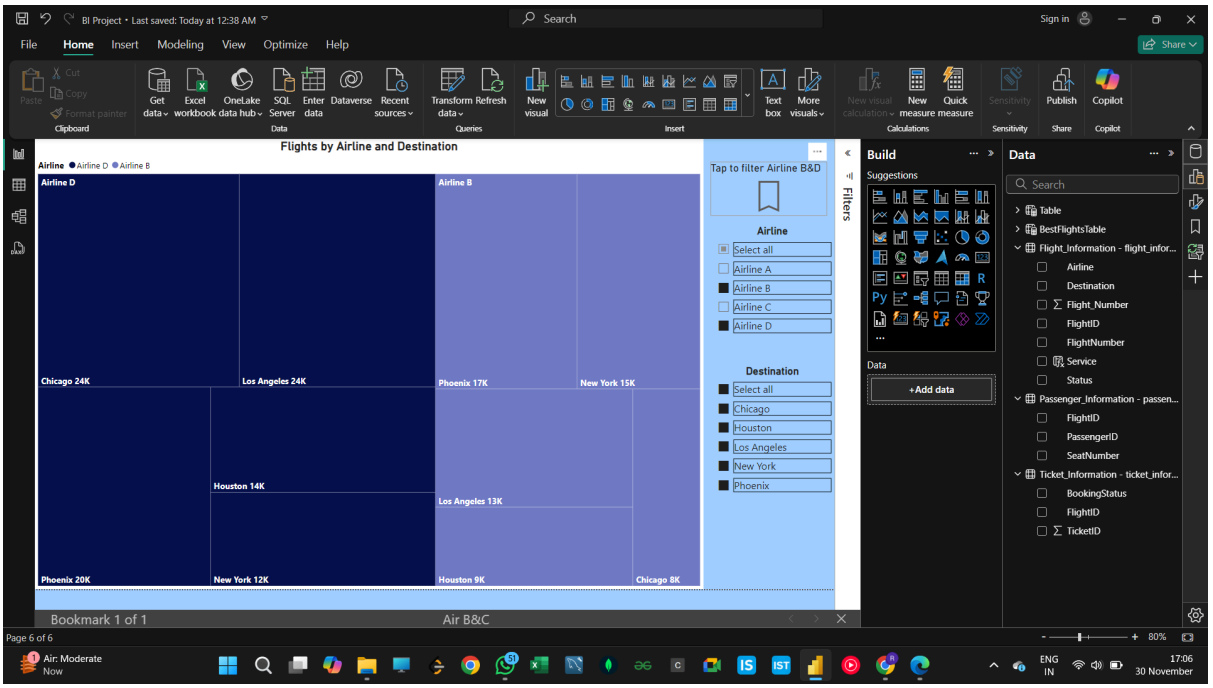
5.3: Flights by Airline & Destination

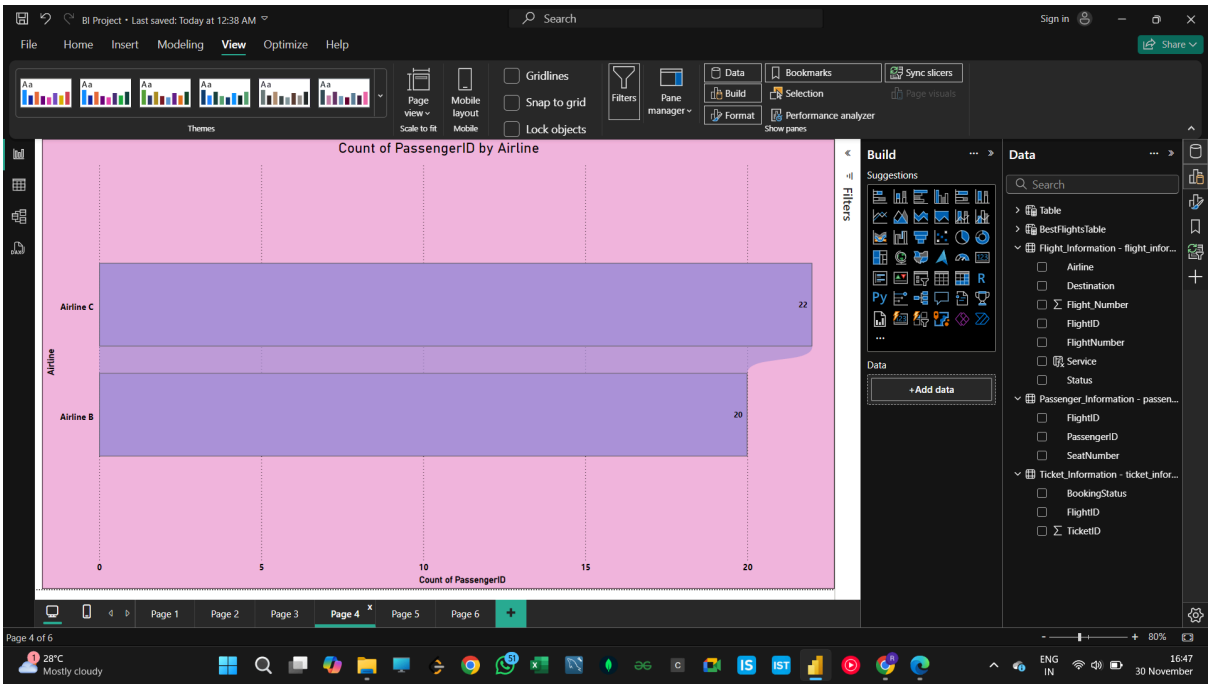


5.4: Slicers & Bookmark



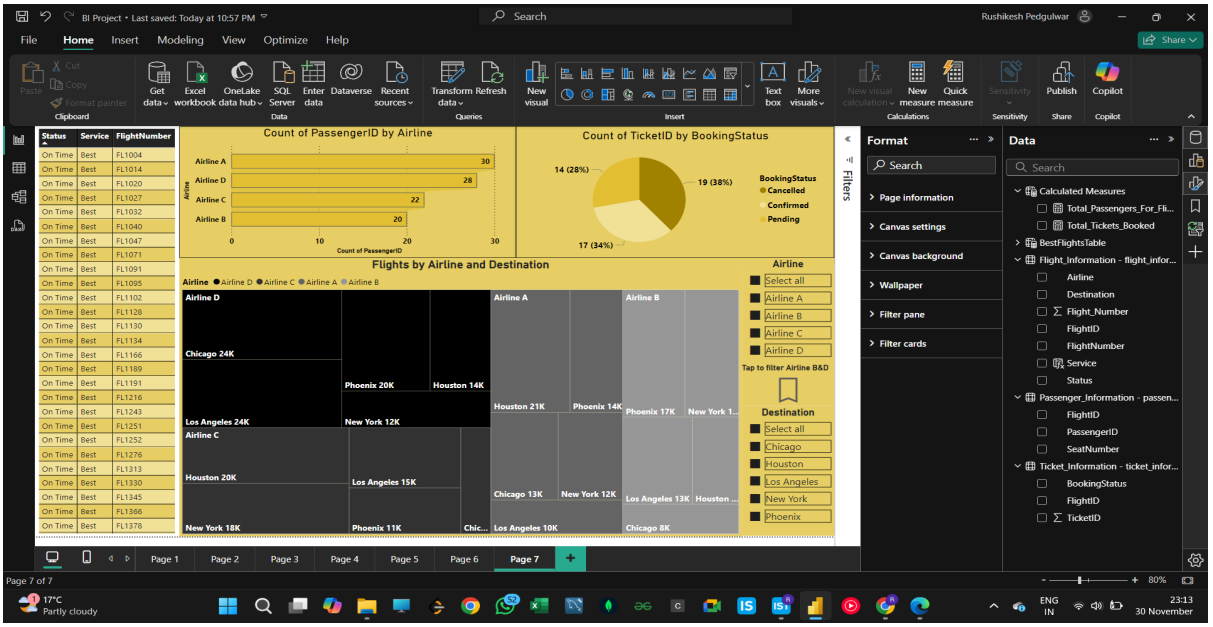
5.5: Bookmark View

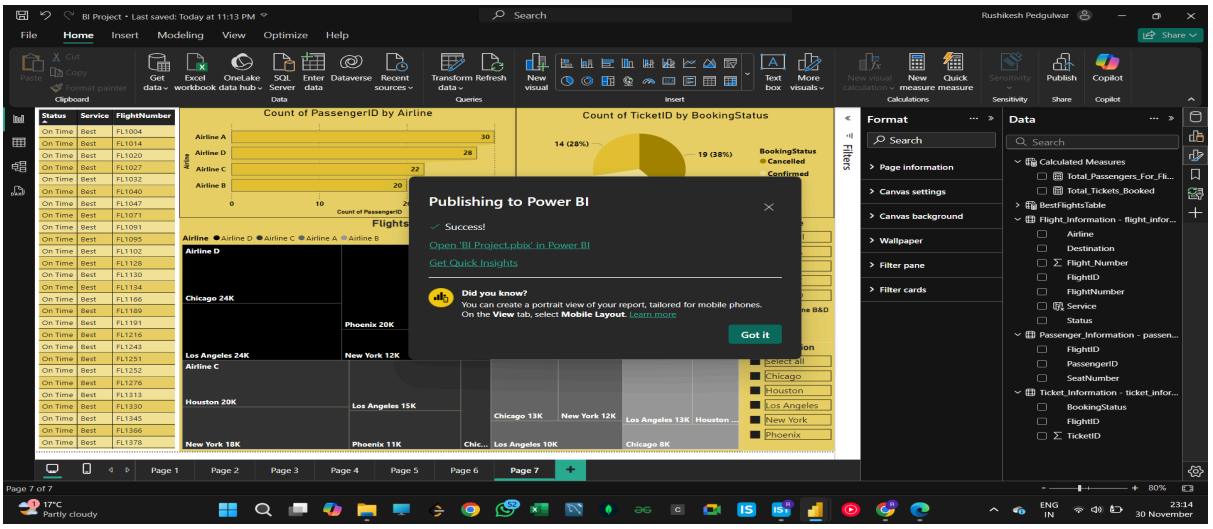


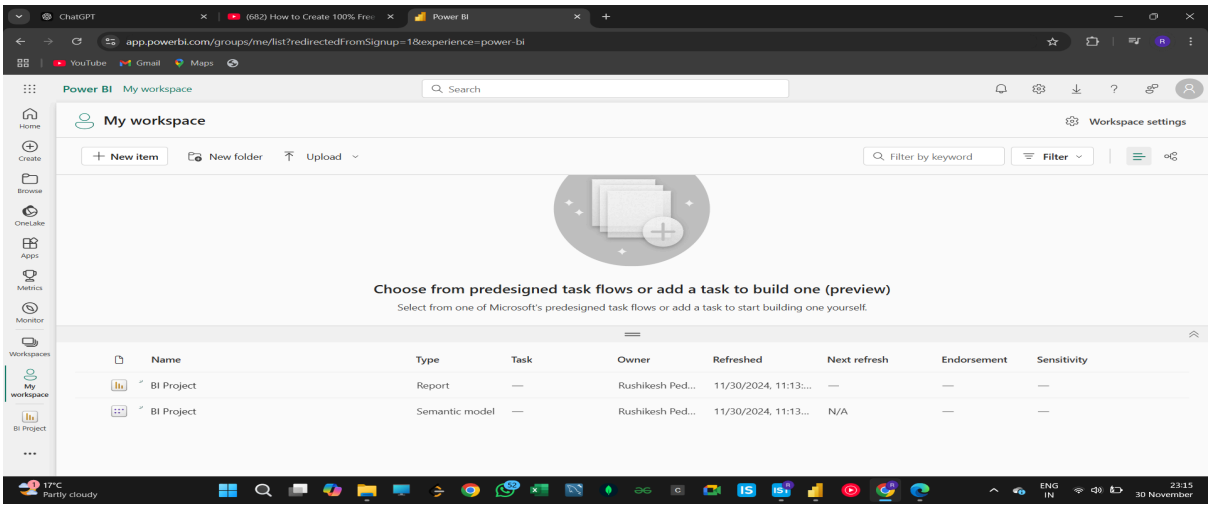


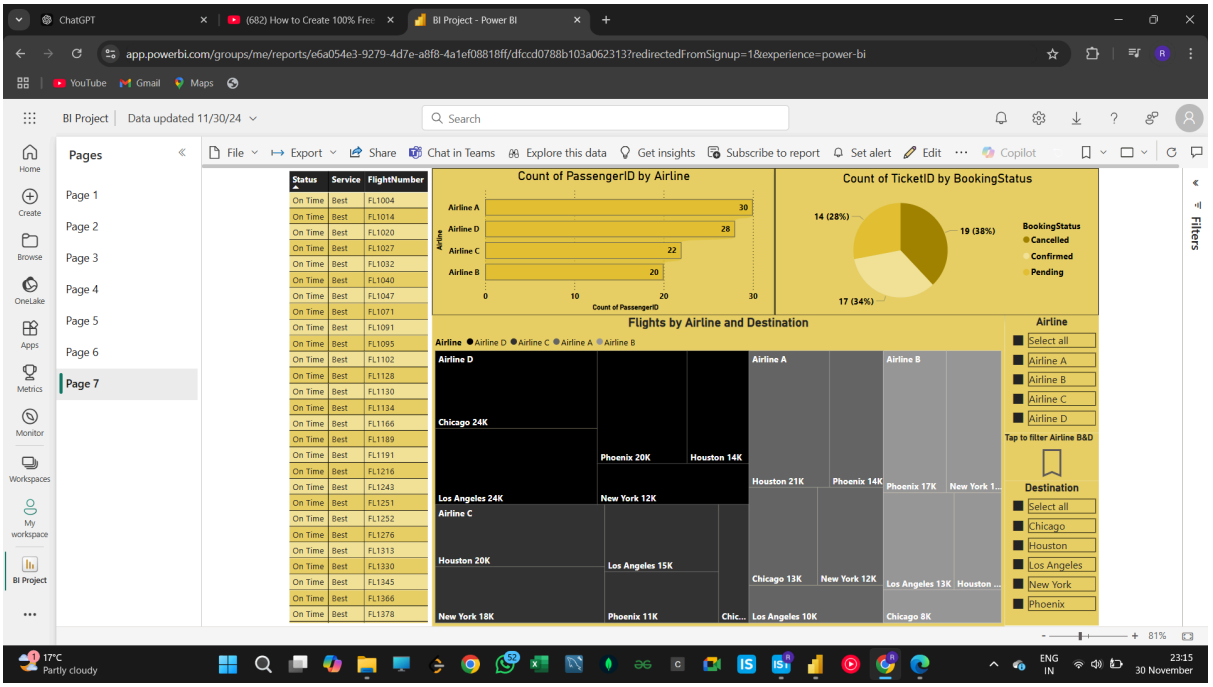
Task-06: Final Dashboard and Power-BI Service

6.1: Publishing the final Dashboard

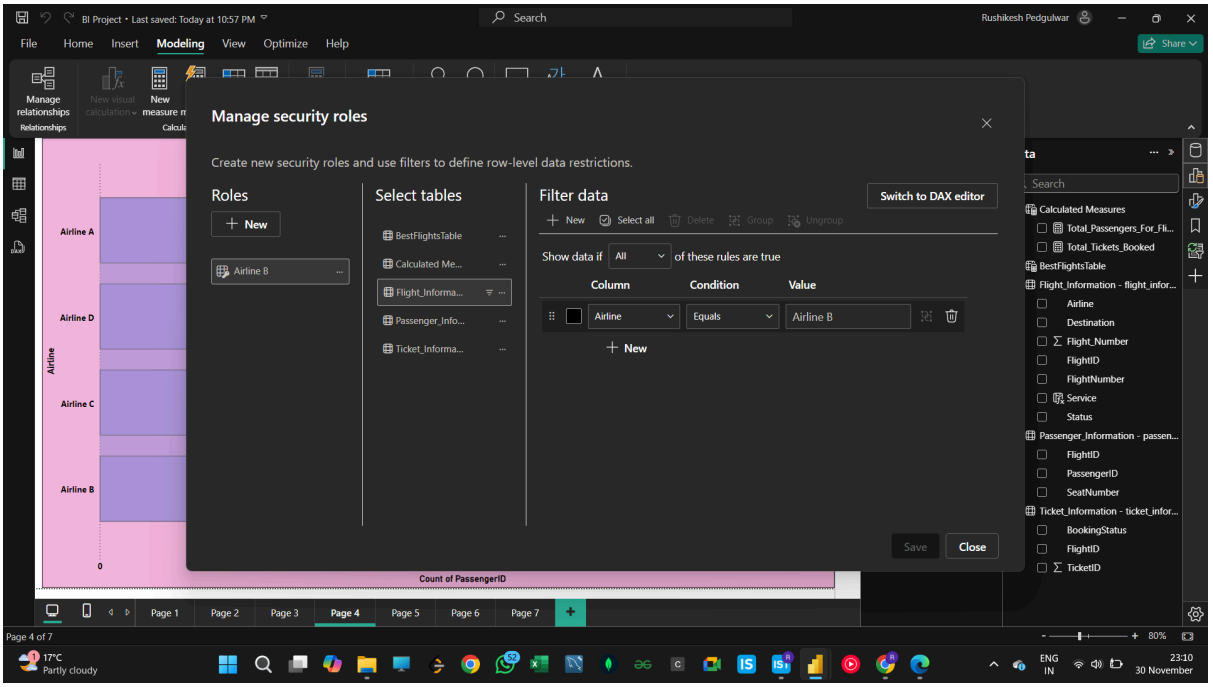


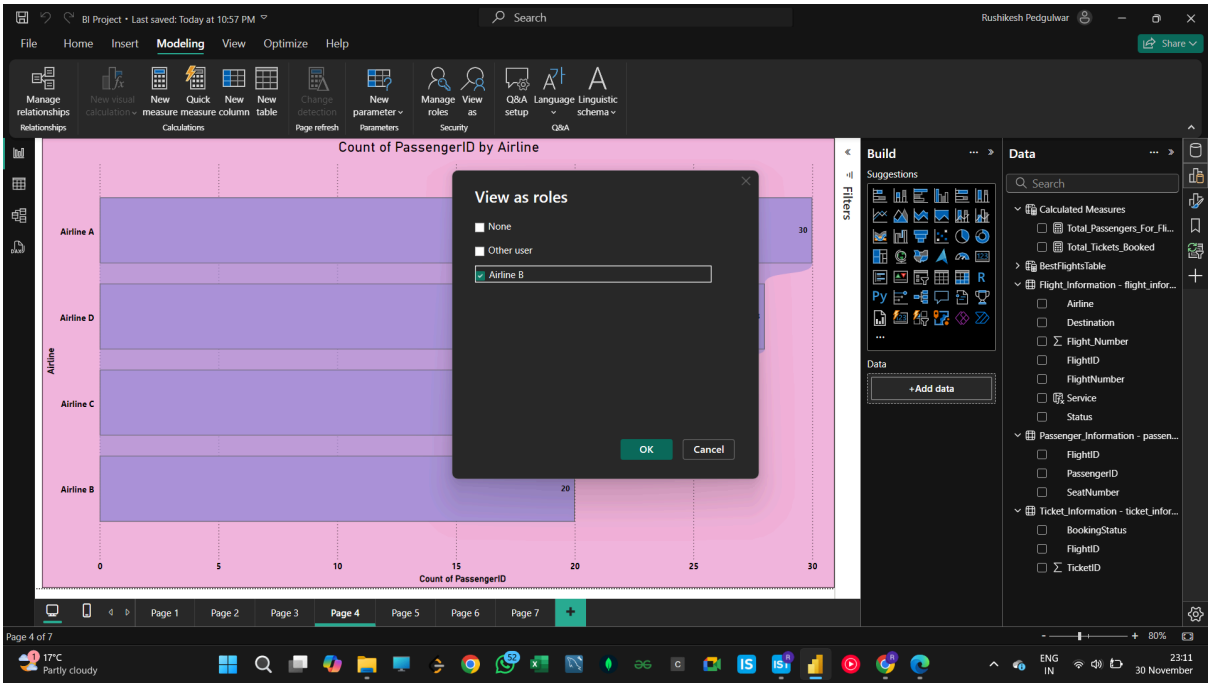






6.2: Applying Row-Level Security(RLS)

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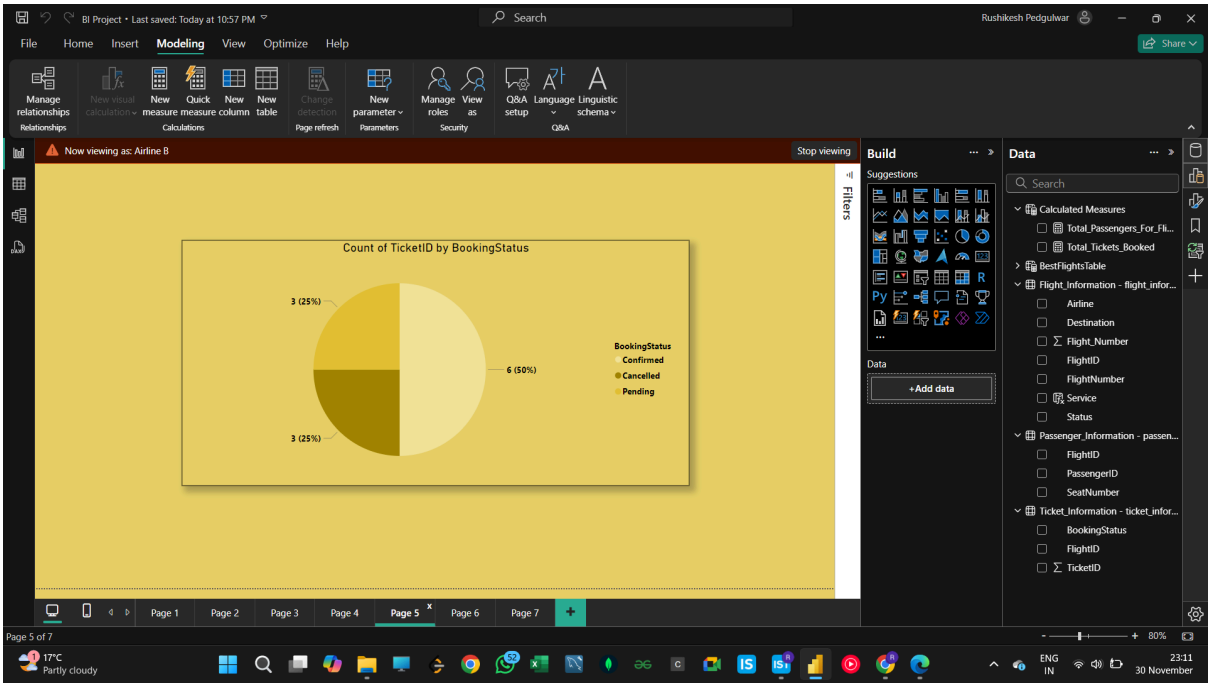
Search
Rushikesh Pedgulwar
File
Home
Insert
Modeling
View
Optimize
Help
Share
Manage relationships
New visual calculation
New measure
Quick measure
New column
New table
Change detection
New parameter
Manage roles
View as
Q&A setup
Language
Linguistic schema
Relationships
Calculations
Page refresh
Parameters
Security
Q&A
Count of PassengerID by Airline
Airline A
Airline D
Airline C
Airline B
Airline
30
20
0
5
10
15
20
25
30
Count of PassengerID
View as roles
None
Other user
Airline B
OK
Cancel
Filters
Build
Suggestions
Data
+Add data
Data
Search
Calculated Measures
Total_Passengers_For_Fli...
Total_Tickets_Booked
BestFlightsTable
Flight_Information - flight_infor...
Airline
Destination
Flight_Number
FlightID
FlightNumber
Service
Status
Passenger_Information - passen...
FlightID
PassengerID
SeatNumber
Ticket_Information - ticket_infor...
BookingStatus
FlightID
TicketID
Page 1
Page 2
Page 3
Page 4
Page 5
Page 6
Page 7
Page 4 of 7
80%
17°C
Partly cloudy
ENG
IN
23:11
30 November


BI Project • Last saved: Today at 10:57 PM
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Optimize
Help
Share
Manage relationships
New visual calculation
New measure
Quick measure
New column
New table
Change detection
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Manage roles
View as
Q&A setup
Language
Linguistic schema
Relationships
Calculations
Page refresh
Parameters
Security
Q&A
Now viewing as: Airline B
Stop viewing
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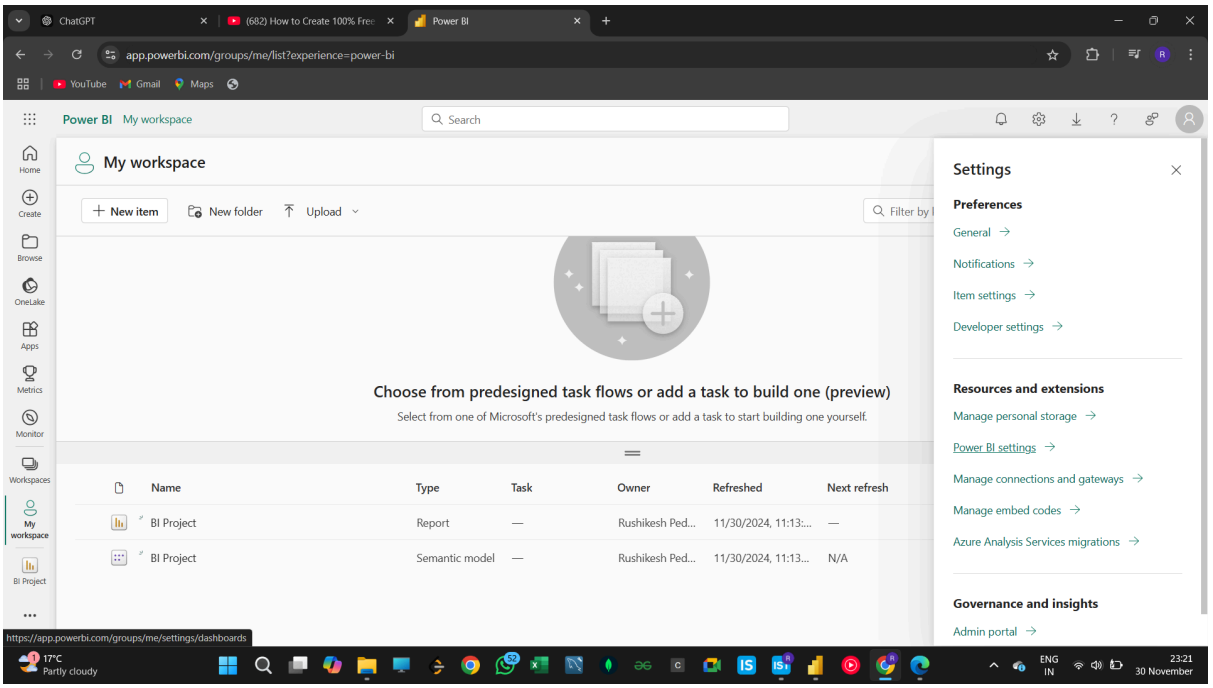
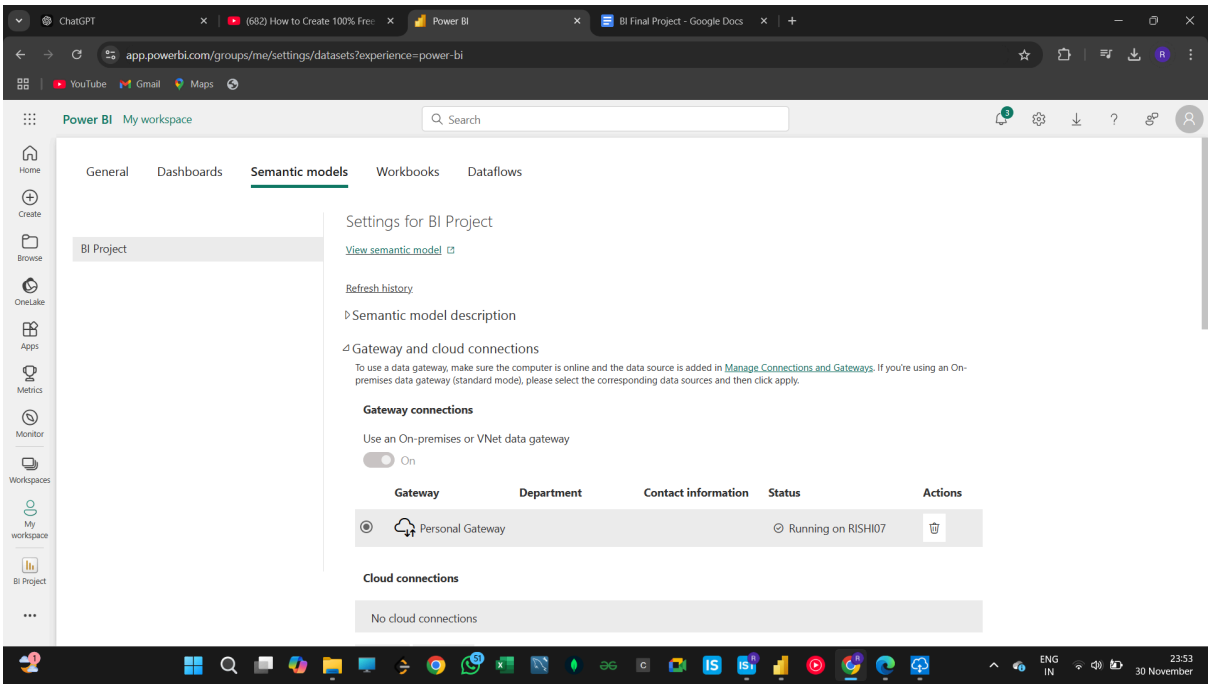
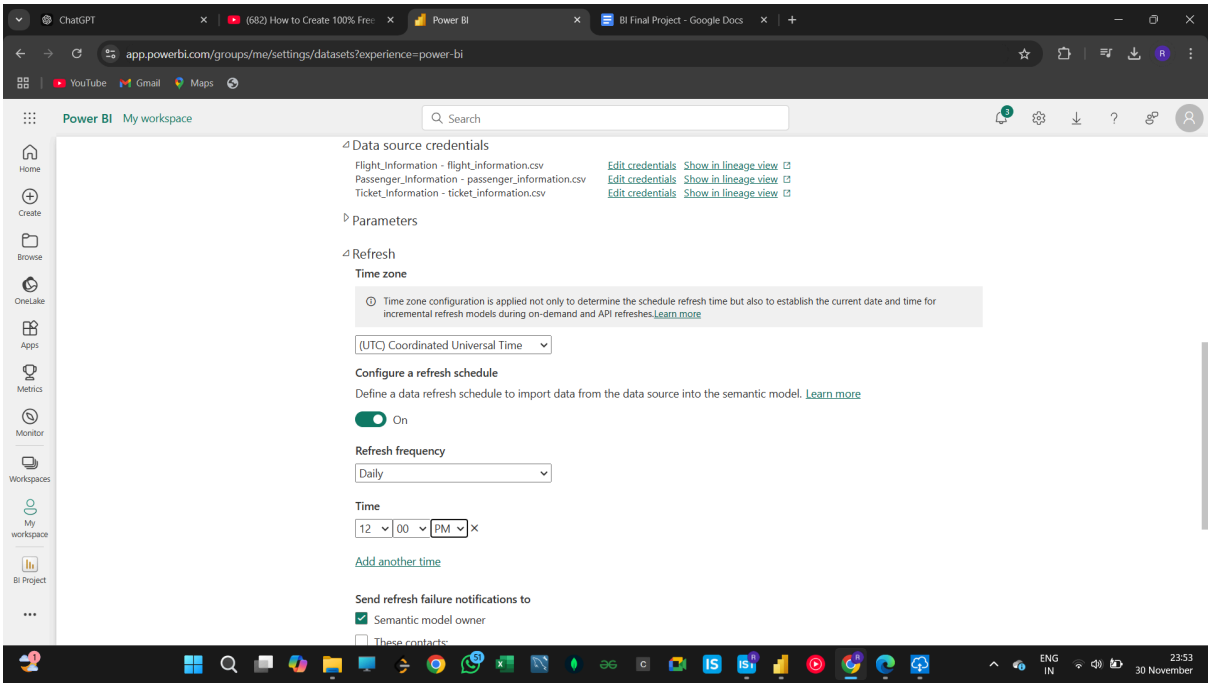
3 (25%)
6 (50%)
3 (25%)
BookingStatus
Confirmed
Cancelled
Pending
Filters
Build
Suggestions
Data
+Add data
Data
Search
Calculated Measures
Total_Passengers_For_Fli...
Total_Tickets_Booked
BestFlightsTable
Flight_Information - flight_infor...
Airline
Destination
Flight_Number
FlightID
FlightNumber
Service
Status
Passenger_Information - passen...
FlightID
PassengerID
SeatNumber
Ticket_Information - ticket_infor...
BookingStatus
FlightID
TicketID
Page 1
Page 2
Page 3
Page 4
Page 5
Page 6
Page 7
Page 5 of 7
80%
17°C
Partly cloudy
ENG
IN
23:11
30 November

6.3: Using Schedule Refresh






ChatGPT
(682) How to Create 100% Free
Power BI
BI Final Project - Google Docs
app.powerbi.com/groups/me/settings/datasets?experience=power-bi
YouTube
Gmail
Maps
Power BI
My workspace
Search
Home
Create
Browse
OneLake
Apps
Metrics
Monitor
Workspaces
My workspace
BI Project
Data source credentials
Flight_Information - flight_information.csv
Edit credentials
Show in lineage view
Passenger_Information - passenger_information.csv
Edit credentials
Show in lineage view
Ticket_Information - ticket_information.csv
Edit credentials
Show in lineage view
Parameters
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) Coordinated Universal Time
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
12
00
PM
Add another time
Send refresh failure notifications to
Semantic model owner
These contacts:
ENG
IN
23:53
30 November