Story Dashboard 1

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In general, dashboard 1 (page 1) The analysis table of aircraft names is used to find out which airlines are often used for certain city destinations (filters) .The delay and departure analysis table is used to find out how often and how high a flight is to a destination city (filter). The city destination analysis table is used to find out which city destinations (filters) are frequently visited.
The use of this dashboard provides filters for month and origin city and there are somewheres we jump from other dashboards by clicking pages 1, 2, or 3, and there is also a reset filter button.

Analysis of Delay, Airline and Destination to the City of Origin per Month

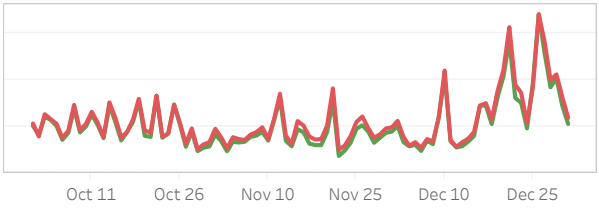
Page 1 | **Page 2** | **Page 3**

Avg. Arrival Delay Minutes
Avg. Departure Delay Minutes

Filter for Month: All

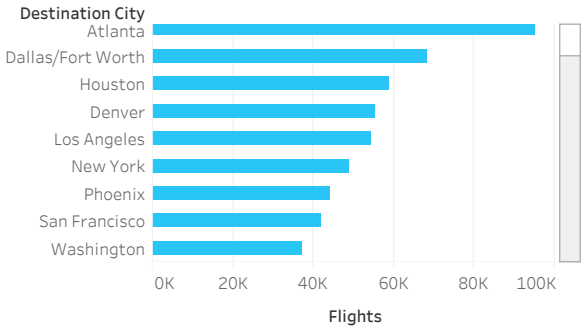
Filter for Origin City: All

Reset Filters
click here



Which airlines are used the most?

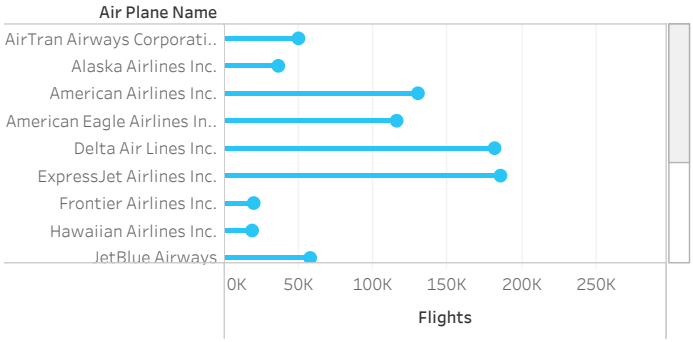
The **number of airlines** makes the competition in this industry even tougher. It is made **customer segment** based on the target market. With competition between airlines, the emphasis is on **efficiency and effectiveness** to be able to compete and survive in an increasingly fierce competition.



Chosing Transportation

Air transportation currently plays an essential role in life for mobilization. Transportation choice is sometimes triggered by several factors such as time **efficiency, safety, convenience, and affordability.**

Sometimes the arrival and departure schedules of airplanes are **delayed**, and this delay **reduces the efficiency** of air transportation.



Why is the city "x" the most popular destination?

City destinations are an important concern in determining the route of an airplane, in terms of business, this can be a consideration such as discount contests or other benefits.

So with this application, the airline can **compete with other airlines**.

Story Dashboard 2

In general, the dashboard on page 2 is used to determine airplane performance, such as arrival delay, departure delay, and average flight duration over a certain distance. In addition, you can also see the performance of the number of flights every day. By using a filter, of course, we can see the performance of the aircraft every month with a certain origin state.
From the customer's point of view, of course, we can choose which airplane is the best with the existing strengths and weaknesses.
The use of this dashboard provides filters for month and origin state and there are somewheres we jump from other dashboards by clicking pages 1, 2, or 3, and there is also a reset filter button.

Airplane Performance

Month of Flight Date
All

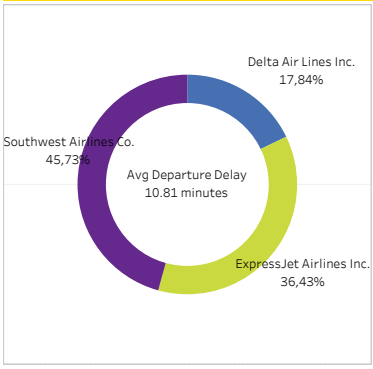
Origin State
All

Number of Flight
1.497.478

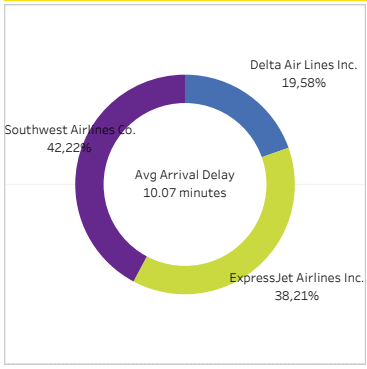
Reset Filters
click here

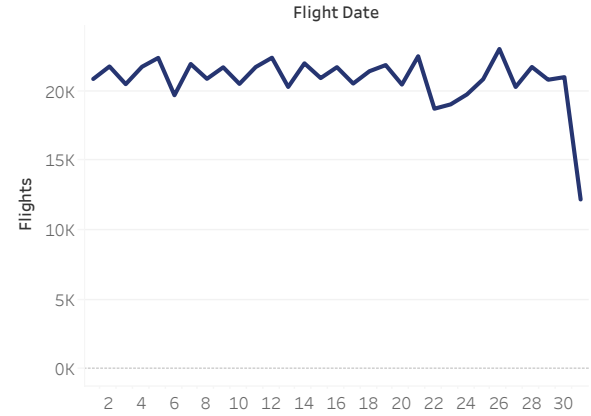
Air Plane Name	Avg. Arrival Delay Minutes	Avg. Departure Delay Minutes	Avg. Distance
Delta Air Lines Inc.	7.0	6.9	879.1
ExpressJet Airlines Inc.	13.4	13.7	459.2
Southwest Airlines Co.	9.8	11.5	676.6
Grand Total	10.1	10.8	671.1

Top 3 Departure Delay

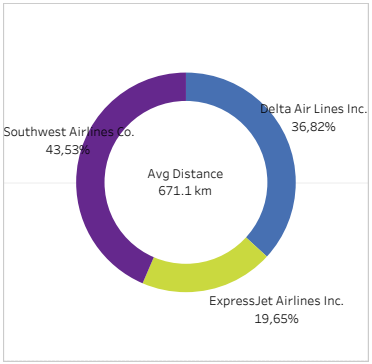


Top 3 Arrival Delay Minutes

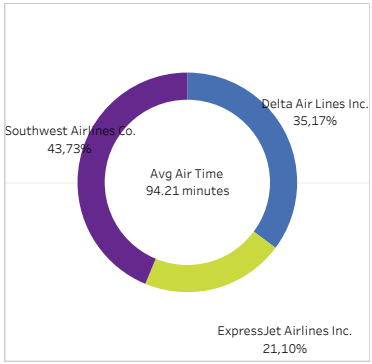




Top 3 Distance



Top 3 Air Time



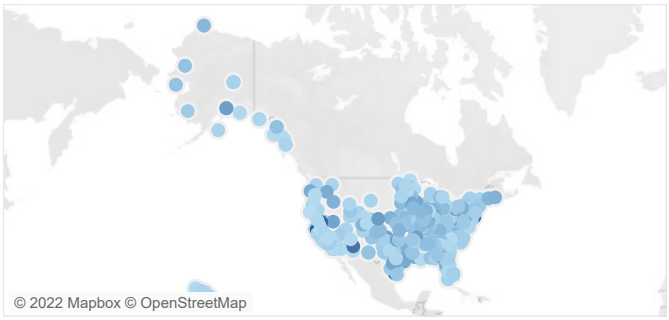
Story Dashboard 3

In general, the dashboard on page 3 is used to find out the number of flights that visit (destination) a particular airport each week. From a business perspective, it can be seen how competitive the planes that depart every week are. In addition, we can also see how many flights are made on a particular unique carrier. We can see the average length of flight, the average distance traveled and the total number of flights made. On the heat map, we can also see in detail the number of airplane flights each week.
For its use, we can enter the desired destination airport and see which airplane fly at the selected airport every week. In addition, there is also a filter reset button to default the filter.

Destination Airports by Air Plane Name every Week

Page 1 | Page 2 | Page 3

Average Air Time	Average Distance	Number of Flight
105.4 minutes	768.4 km	1.497.478



Destination Airports
All

Air Plane Name
All

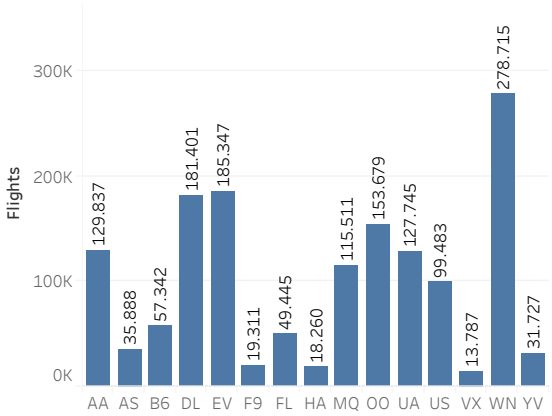
Week/Month
All

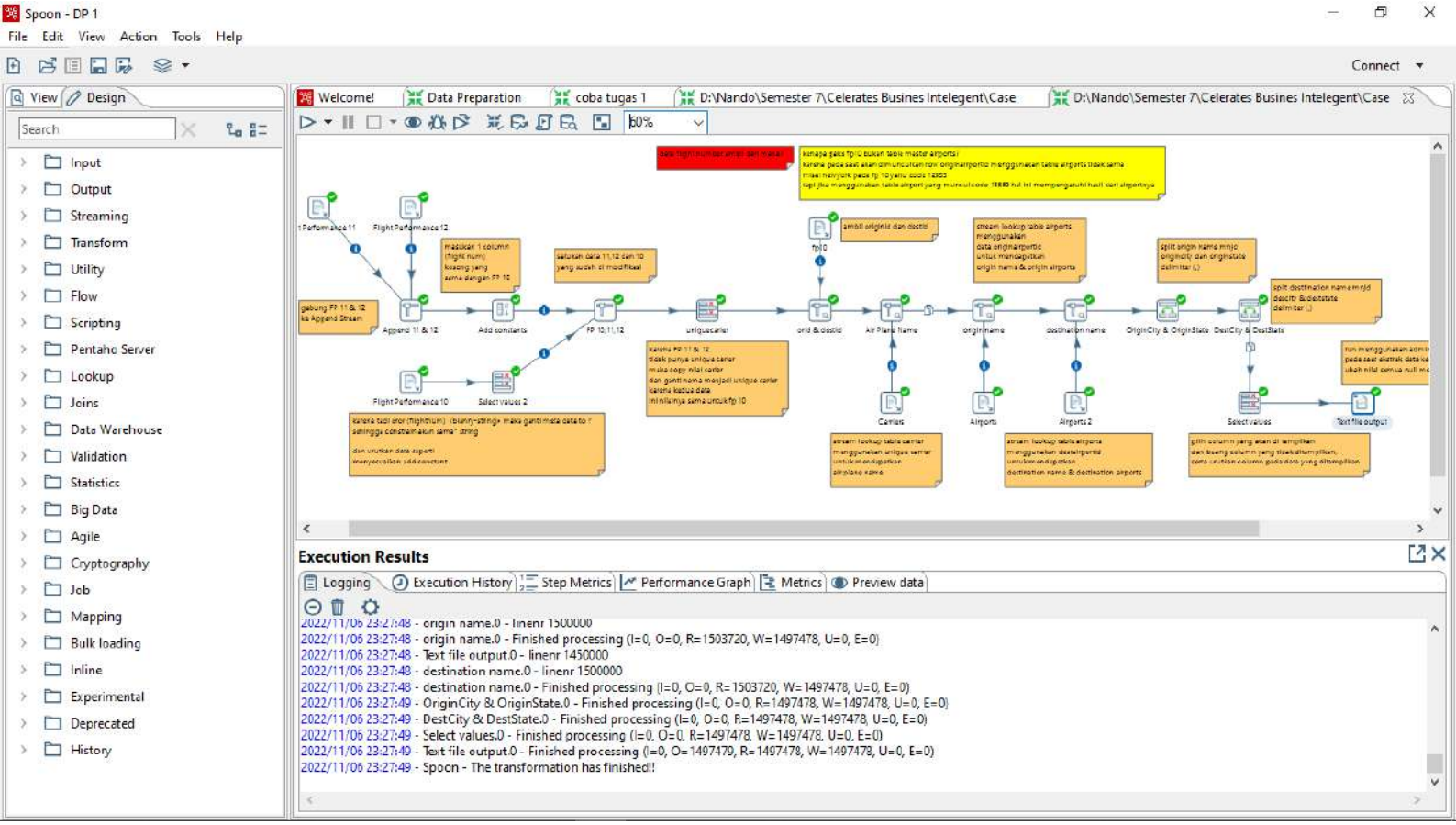
Reset Filters
click here

Air Plane Name

Cal for 7 da..	AirTran ..	Alaska A..	America..	America..	Delta Air..	ExpressJ..	Frontier ..	Hawaii
10/7	3.801	2.722	9.724	9.300	14.441	14.667	1.515	1.4
10/14	3.803	2.723	9.722	9.300	14.453	14.694	1.544	1.4
10/21	3.803	2.727	9.720	9.300	14.502	14.797	1.519	1.4
10/28	2.168	1.561	5.657	5.476	8.126	8.241	815	7
10/30	3.264	2.333	8.312	7.968	12.384	12.507	1.284	1.2
11/4	3.731	2.771	9.716	9.314	14.238	14.536	1.402	1.3
11/11	3.807	2.796	9.939	8.975	14.373	14.708	1.425	1.3
11/18	3.662	2.704	9.414	7.732	12.949	12.588	1.489	1.3
11/25	3.330	2.342	8.830	7.513	12.506	12.634	1.341	1.1
11/28	1.613	1.154	4.061	3.829	6.007	6.090	614	6
12/2	3.730	2.607	10.151	8.496	13.437	13.680	1.387	1.3
12/9	3.721	2.667	10.217	8.519	13.435	13.759	1.393	1.3
12/16	3.784	2.864	10.308	8.557	13.495	14.314	1.537	1.3

Unique Carrier




Spoon - DP 1
File Edit View Action Tools Help
Connect
View Design
Search
Input
Output
Streaming
Transform
Utility
Flow
Scripting
Pentaho Server
Lookup
Joins
Data Warehouse
Validation
Statistics
Big Data
Agile
Cryptography
Job
Mapping
Bulk loading
Inline
Experimental
Deprecated
History
Welcome!
Data Preparation
coba tugas 1
D:\Nando\Semester 7\Celerates Busines Intelegent\Case
D:\Nando\Semester 7\Celerates Busines Intelegent\Case
50%
Execution Results
Logging
Execution History
Step Metrics
Performance Graph
Metrics
Preview data
2022/11/06 23:27:48 - origin name.0 - linenr 1500000
2022/11/06 23:27:48 - origin name.0 - Finished processing (I=0, O=0, R=1503720, W=1497478, U=0, E=0)
2022/11/06 23:27:48 - Text file output.0 - linenr 1450000
2022/11/06 23:27:48 - destination name.0 - linenr 1500000
2022/11/06 23:27:48 - destination name.0 - Finished processing (I=0, O=0, R=1503720, W=1497478, U=0, E=0)
2022/11/06 23:27:49 - OriginCity & OriginState.0 - Finished processing (I=0, O=0, R=1497478, W=1497478, U=0, E=0)
2022/11/06 23:27:49 - DestCity & DestState.0 - Finished processing (I=0, O=0, R=1497478, W=1497478, U=0, E=0)
2022/11/06 23:27:49 - Select values.0 - Finished processing (I=0, O=0, R=1497478, W=1497478, U=0, E=0)
2022/11/06 23:27:49 - Text file output.0 - Finished processing (I=0, O=1497479, R=1497478, W=1497478, U=0, E=0)
2022/11/06 23:27:49 - Spoon - The transformation has finished!!