P3: **If looking at the Month of September in 2009 flying between Honolulu (HNL) and Maui(OGG) what is your confidence level that you will have an on time arrival on a Wednesday and to be safe how much time will you buffer for flight delay?**

Ans: Confidence Level For On time Arrival : 45%
Time Will you buffer for flight delay: 15.7 Minutes

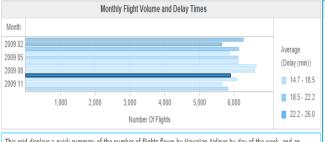Business Intelligence Concepts, Tools and Applications

coursera

Hawaiian Airlines Performance Dashboard

Business School
UNIVERSITY OF COLORADO DENVER

This bar chart displays information on the Average Delay (in minutes) experienced in Hawaiian Airlines flights - the darker the color, the longer the delay. By clicking on a bar (each corresponding to a Month) the information on the two other visualizations gets updated, showing details of the flights during those months.

This visualization displays the flight routes, with each bubble (node) representing an airport, and the link (edges) representing routes between them (origin and destination). The thickness of the edge indicates the number of flights for that route (the thicker, the more flights) and the color represents the Average Delay experienced in those flights (the darker, the longer the delay)

Monthly Flight Volume and Delay Times

Average
(Delay (min))
- 14.7 - 18.5
- 18.5 - 22.2
- 22.2 - 26.0

This grid displays a quick summary of the number of flights flown by Hawaiian Airlines by day of the week, and an overall score based on their Average on Time Percentage and their Delay (in minutes)

Flight Route Stats

Edge color: Percentage of Average (Delay (min))
- 0% - 10%
- 10% - 30%
- 30% - 50%
- 50% - 70%
- 70% - 90%

Edge size: Number Of Flights
- 4
- 40
- 70
- 110
- 139

Item size: Number Of Flights
- Min: 9
- Max: 893

Day of the Week Stats

Day Of Week	Number Of Flights	Average (On-time %)	Average (Delay (min))
Sun	390	58%	13.2
Mon	392	51%	12.8
Tue	485	47%	18.3
Wed	476	45%	15.7
Thu	390	49%	25.6
Fri	412	40%	17.3