Plan:

- 1. Discuss characteristics of good tables
- 2. Identify ways to improve tables

Dataviz: Tables

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Allow viewer to make comparison top to bottom





Airport Name	Cleveland Hopkins Intl	William P Hobby	Metropolitan Oakland Intl	San Francisco Intl	Bellingham Intl
Airport Code	CLE	HOU	OAK	SF0	BLI
Mean Arrival Delay	26.15	10.25	10.07	8.86	8.67
	Avoid comparisons				

across rows

Airport Name	Airport Code	Mean Arrival Delay
	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Compare down columns

Order rows logically





Airport Name	Airport Code	Mean Arrival Delay
Metropolitan Oakland Intl	OAK	10.07
Bellingham Intl	BLI	8.67
Cleveland Hopkins Intl	CLE	26.15
San Francisco Intl	SF0	8.86
William P Hobby	HOU	10.25

Airport Name	Airport Code	Mean Arrival Delay	ongest delay
Cleveland Hopkins Intl	CLE	26.15	
William P Hobby	HOU	10.25	
Metropolitan Oakland Intl	OAK	10.07	
San Francisco Intl	SF0	8.86	V
Bellingham Intl	BLI	8.67	hortest delay

Order columns logically



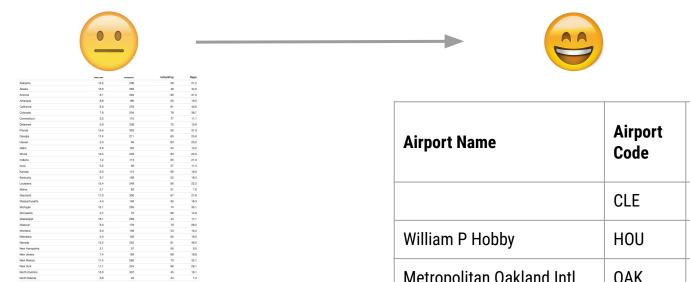


Order sensically from left to right

Mean Arrival Delay	Airport Code	Airport Name
26.15	CLE	Cleveland Hopkins Intl
10.25	HOU	William P Hobby
10.07	OAK	Metropolitan Oakland Intl
8.86	SF0	San Francisco Intl
8.67	BLI	Bellingham Intl

Airport Name	Airport Code	Mean Arrival Delay
Cleveland Hopkins Intl	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Limit the number of rows and columns





Airport Name	Airport Code	Arrival Delay
	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Include informative labels





Needs better labels!

AN	AC	MAD
	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Airport Name	Airport Code	Mean Arrival Delay
	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Be mindful of significant digits





Airport Name	Airport Code	Mean Arrival Delay
	CLE	26.15145
William P Hobby	HOU	10.258923
Metropolitan Oakland Intl	OAK	10.07987
San Francisco Intl	SF0	8.8688173
Bellingham Intl	BLI	8.671234

Airport Name	Airport Code	Mean Arrival Delay
	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Too many digits

Include a good caption



Table 1: Airports with the longest delay in arrival time for planes leaving the Pacific Northwest in 2014

Airport Name	Airport Code	Mean Arrival Delay
	CLE	26.15
William P Hobby	HOU	10.25
Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Include the source of the data



Table 1: Airports with the longest delay in arrival time for planes leaving the Pacific Northwest in 2014

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	CLE	26.15
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Metropolitan Oakland Intl	OAK	10.07
San Francisco Intl	SF0	8.86
Bellingham Intl	BLI	8.67

Source: Chester Ismay's `pnwflights14` R package

Format table so it can be quickly understood



Table 1: Airports with the longest delay in arrival time for planes leaving the Pacific Northwest in 2014

Airport Name	Airport Code	Mean Arrival Delay
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