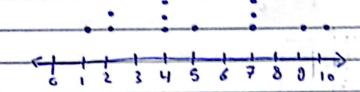
week 3 Representation
[histograms - different charts]
Objective: learning about histograms and different charts
learning about histograms and different charts
Documentation # check for more information
video a Types of Graphs and When to use them
- Bar Graph Show the number in categories
- Circle Craph Compare parts of the data to the Whole
- Double Bar Graph Compare two or more sets of data
Box Whiskers Plat Show measures of variation
- Mistogram Show frequency of data divided into intervals
_ line Graph Show change over time
line plat Show frequency of data on a number line
video 2 Mistograms explained! Now to make them
shows us how often different values occur in a set [frequency]
push up students
0-9 3
10-19 5
20-29 10
30-39 6
0-9 10-19 20-29 30-39 40-49 40-49 1
visuallize data and see patterns within it X-aixs y-wir

6	(3) How to make a Stemand Pat pld / Daglam
	Stem and leaf plot Organizes Data by using the place Values of the number
	10, 11, 31, 33 Stem leaf leaf h girdert
	Key 1/4=14 2 3 1 3
_	large numbers can be like ston lend 10 8 = 10 8 = 10 8 = 10 8
	decimals 5,65,86,27,8,7,8 5 6 8 Key = 5 6 = 9 6 2 7 8 8
<u>(</u>	B. How to make a Boxand Whisker Plat
	3:, 5, 5. 6, 11, 12, 14, 14, 16, 20, 23, 25, 28, 35, 36, 37, 41, 43, 60, 82, 41, 43, 41, 41, 41, 41, 41, 41, 41, 41, 41, 41
He C	dain (Q2) 24 Whisker Box Whisker 12 41 69 10 25 30 40 50 60 70
	IQR Q3-Q, =28 the middle half of the data

video 6 Now to make a dot plat

1,2,2,4,4,4,5,7,7,7,0,10 quickvinal represention of home the study time is distributed among the students



video 6 What is Pie chart?

type of graph thatic divided into shires unlik offer graphs the value that make up each piece are expressed in percentages

Site	(frequ	dyrae	perentye
XS	5	30*	8.5 %
7	10	60°	17%
M	26	156 *	44.2 %
L	19	114.	32,3 %
	60)	360°	102%
		.0	

	(*)	
	177.	
(44,24.	8.5%	xs
(110)	L /	114.
	32,3%	
*156		

Campare a different type of information X-axis represents type of variable equalitative Y-axis represents frequency Flavor votes 18 Chece 18 Variable 10 Strawborg 8 What 12 Catten country 2 Catten country 2 Catten country 2 Symmetry and Skewness Symmetrical distribution if 1st can be divided into two equal sizes Skewness is asymmetry Skewed teleft skewed to right Box plat	
Strawbary 8 Vint 12 Catten condy 2 Check Symmetry and Skewness Symmetrical distribution if 1st can be divided into two equal sizes Skewness is asymmetry Shewed bleft skewed to right	videa 7 What is a Bar chart?
Slavor votes Choca 18 Vanill to 8 Strawborn 8 Whint 12 Catten and 2 Cotton and 2 Symmetry and Skewness Symmetrical distribution is it can be divided into two equal sizes Skewness is asymmetry skewed best skewed to cight	Compare a different type of information
Slavor votes Chece 18 Varill 10 Strawborg 8 Whint 12 Catter condy 2 Catter condy Symmetry and Skewness Symmetrical distribution is let can be divided into two equal sizes Skewness is asymmetry Skewness bleft skewed to cight	Year's represents type of variable quantity
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Choco 18 Vanill 10 Strawborg 8 Mint 12 Catton country 2 Cotton country 2 Cotton country 2 Symmetry and Skewness Symmetrical distribution is it can be divided into two equal scizes Skewness is asymmetry skewed blest skewed to right Box plat	Flavor votes
Strawberry 8 Mint 12 Catter country 2 Cotton country 2 Symmetry and Skewness Symmetrical distribution if 1d can be divided into two equal sizes Skewness is asymmetry skewed bleft skewed to right	Chaca 12/16/
Symmetry and Skewness Symmetrical distribution is it can be divided into two equal sizes Skewness is asymmetry skewed blest skewed to right	Variable 10 8
Symmetry and Skewness Symmetrical distribution is it can be divided into two equal sizes Skewness is asymmetry skewed blest skewed to right	Strawborn 8
Symmetrical distribution is it can be divided into two equal sizes Skewness is asymmetry skewed blest skewed to right Box plat	Catter 1.2
Symmetrical distribution is it can be divided into two equal sizes Skewness is asymmetry skewed blest skewed to right Box plat	Choice vant silve street
Symmetrical distribution is it can be divided into two equal sizes Skewness is asymmetry skewed blest skewed to right Box plat	vides (8) Symmetry and Skewness
Skewness is asymmetry skewed to left skewed to right Box plat	
Skewness is asymmetry skewed to left skewed to right Box plat	Symmetrical distribution is it can be divided into two equal sizes
Box plat	Skewness is asymmetry skewed blest skewed to right
rold	
rold	R-v OA
	·
Chequal Box equal Box Symmetrial	Symmetrical
size of larger Unisker longer Whisker	size of larger Unisker longer Whisker
determined the street determined the street	determines the skew

Summeter will olive to at the median
Symmetry point will always be at the median and the mean = median
and the mean = median
Skwed mean is closer to tail if skewd to left
mean < median
1 . 0 1/2 / L 10 (x)t
and it showed to the right
mean > median
video 3 What is Heat map?
graphical repression of data where values are expresses as colones
1 0 1 1 1 1 1 1 1 1 et expresses as the
graphical repressing of data where van
graphical repression of data where values are expressed almost it allows for a large volume of data to be communicated almost instantly
- It allows for a ray
it allows for a large volume of data to with stakeholders instantly Benefits of it: enhanced communication with stakeholders high engagement with a target audience high engagement with a target audience Alle insights from vast data sets
Pit Pit: enhanced communication to adjunct the sots
high engagement with a target vast data ser
Benefits of it: enhanced communication with stakeholders high engagement with a target audience high engagement with a target audience the ability to drive valuable insights from vast data sets
J. Control of the con
2 201 2
Video (10 What is a Violin Plat?
- VABBO (10)
a method to platting numeric data distribution
a methic in f data distribution
provider a visualization of data distibution
- la itu more data
Wider section is a higher density more data
narrouer section lower density
harrows series