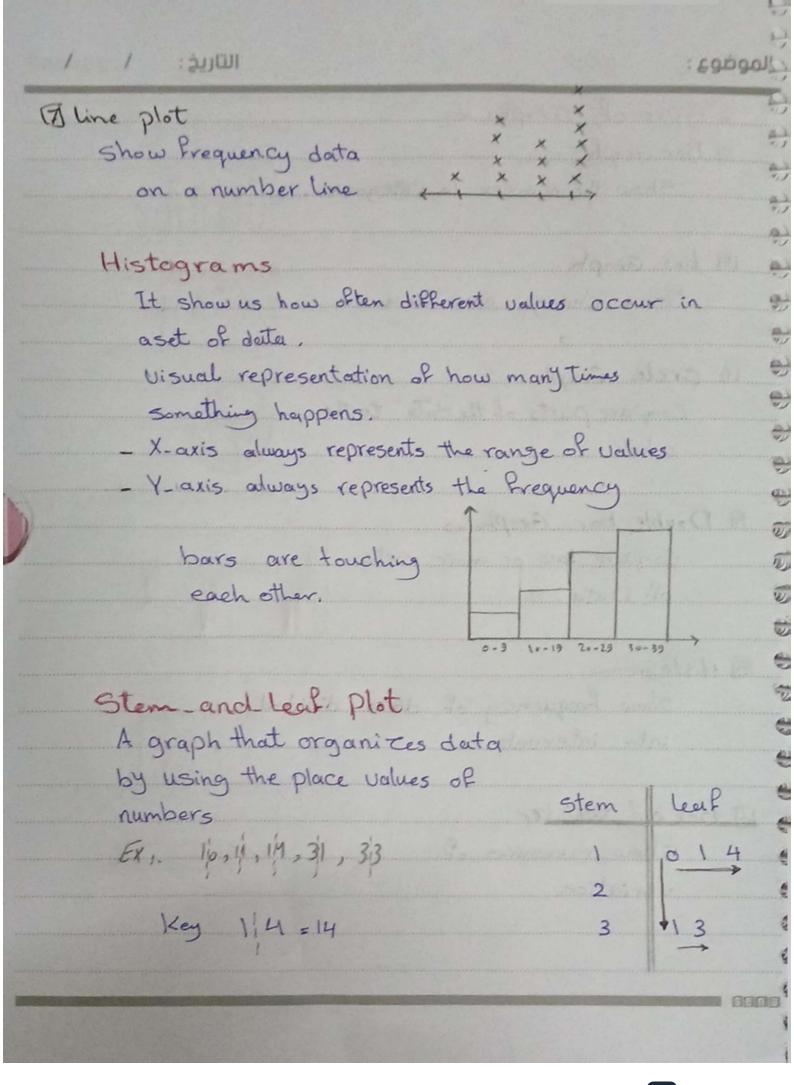
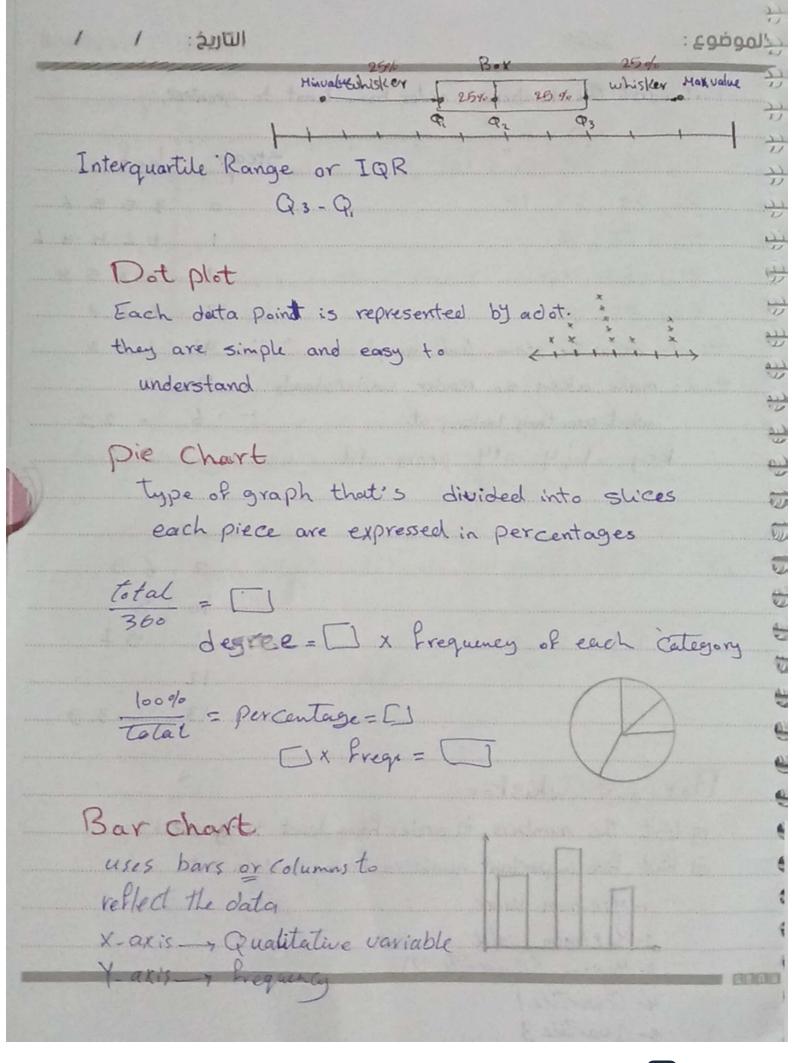
التاريخ: / / الموضوع: " Types of Graphs " 1 Bar Graph Show the number in Categories. Tr 121 line Graph Show change over time. B Crcle Graph Compare parts of the date to the whole. Al Double bar Graph Compare two or more sets of Deta. 151 Histogram Show frequency of data divided into intervals. B) Box and Whisker Show measures of variation.



التاريخ: / ب		الموضوع :
First : list the numbers in order from least to greatest.		
3,5,5,6		procession and the same of the
, 11, 12, 14, 14, 16	stem.	leaf
20, 23, 25, 28		
35, 36, 37		
41, 43,48	2	0 3 5 8
60,62,69		
second; draw the stem leaf graph		
third: make a key so reader understands.		
what are they looking at		
key 1:4 = 14 years old , c		
ای ان موجود		and the same of th
And the second s	1	
Ex: 96,99,108,115,117,130,133,139	9	6 9
	10	8
Key 10:8=108	11	57
		11/10/09/01 60 0 10/10/10/10/10/10/10/10/10/10/10/10/10/1
	13	1039
Bex and whisker		
I list the numbers in order from least to greatest !		
@ Find five important numbers from The data set		
1- Minimum value 13		
2-Maximum value 569		
3- Median (Quartile 2) 24		
4- Quartile 1 112		



التاريخ: / / الموضوع: Symmetry and Skewness the shape of a distribution * Symmetrical: if it can be divided into two equal sizes of the same shape 5 Keuness: refers to asymmetry - skewed to left FITTL La skewed to right Illiani unequal baxes equal boxes | III E-- HIH skewed to left skewed to right symmetrical - in symmetrical: the plane of symmetry will always be at the median Hean = Median skewed: Skew to left: mean is less than Median the meen will be closer to left side. Skew to right: mean is greater than Medican the mean will be closer to right

Heatmap

Is a graphical representation of data where values are expressed as colors.

it Provides an effective visual summary of information professionals use heat maps to identify the level of performance for different divisions.

binifints:

- Enhance Communication with Stakeholders
- High Engagement with a target Audience
- The ability to derive valuable insights from vast data set.

Violin plat

is a method of plotting numeric deta it is a combination of a box plot and a Kernel Density plot.

provides a visualization of data distribution.

- Kernel density estimation the outer layer of the violinplot, displays

the density of data at different values

the width of the plot at different values indicates

the density of the data