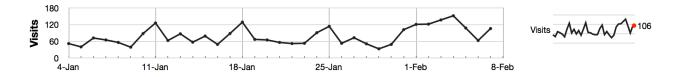
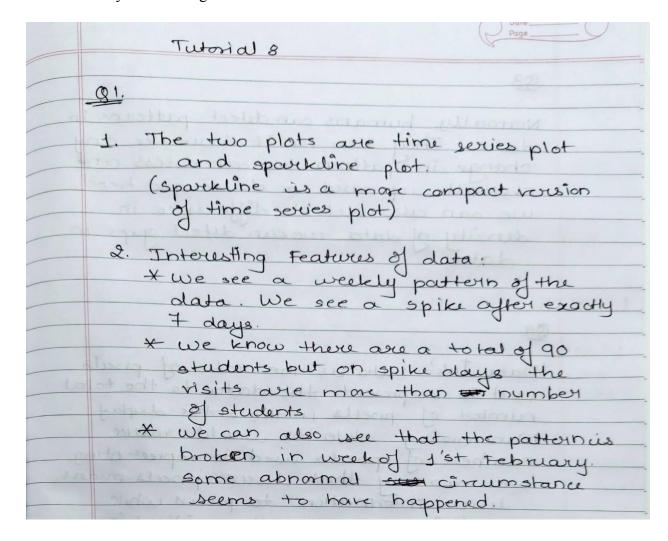
Question 1

The data shown here are the number of visits to a university website for a particular statistics course. There are 90 students in the class.

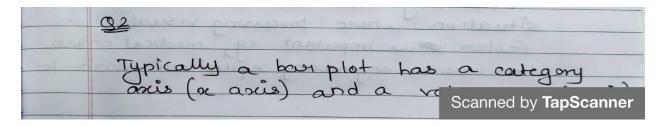


- 1. What are the names (type) of the 2 plots shown?
- 2. List any 2 interesting features in these data.



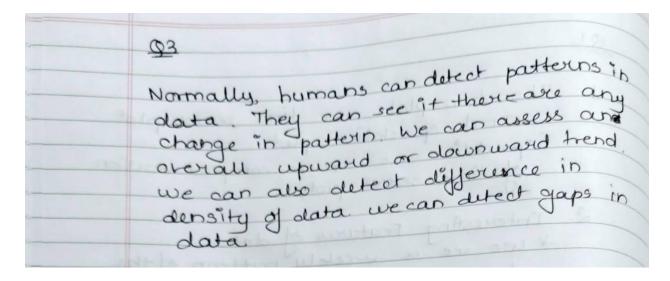
Question 2

What are the names of the axes on a bar plot?



Question 3

Which types of features can can the human eye easily pick out of a time series plot?



Question 4

Why is the principle of minimizing "data ink" so important in an effective visualization? Give an scientific or engineering example of why this important.

Data Ink' mation is the mation of pixels used to supresent the data to the total used to supresent the data to the total number of pixels in the entire display.

Minimizing data ink would reduce number of pixels used for representing we can say that lessed pixels means we can say that lessed pixels means we can say that lessed pixels means also information to process while visualising. This can be critical in situation where processing visualisation faster is important eg, medical charb three sensitive engineering equiptment charbets.

Question 5

Describe what the main difference(s) between a bar chart and a histogram are.

	Classmate Dafa Pegs
95	
Box chart	Histo gran
* Used to compare variables	* Used to show distribution of variables
* Categorical data	* quantitative data (Binned)
* can be reordored	* can not be reardered
* Bars may have spaces.	* Be eaux of continuity of data there is no spa Scanned by TapScanner