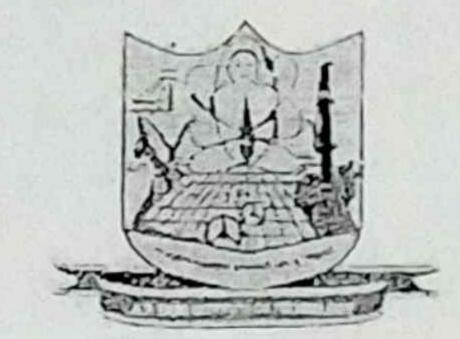
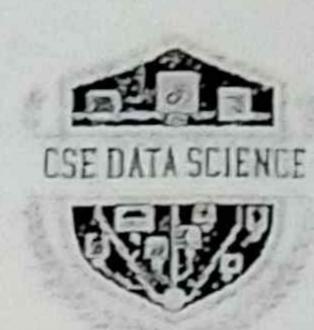
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EXPLORING BINARY AND CATEGORIAL DATA:

Categorial variables take on a fined and limited number of possible values. For example grader, gender, blood group type été

The sorting of these variables uses logical order for example, gender is a categorial variable and has categories male and female. And there is no ordering to assign categories.

Example:

Consider the below table:

Date	Sports	T-shirt size	Brize of T-shirt	Weather
5th June	Gicket	S	200	Sunny
9th June	Football	M	300	Cloudy
11th June	Tennie	S	200	Rainy
13th June	Relay	L.	400	Windy

In the above table, we different data => Aunste of Sporte 3 unils of T-shirt

of Weather. 4 Unils

7-shirt is numerical care, the prize of

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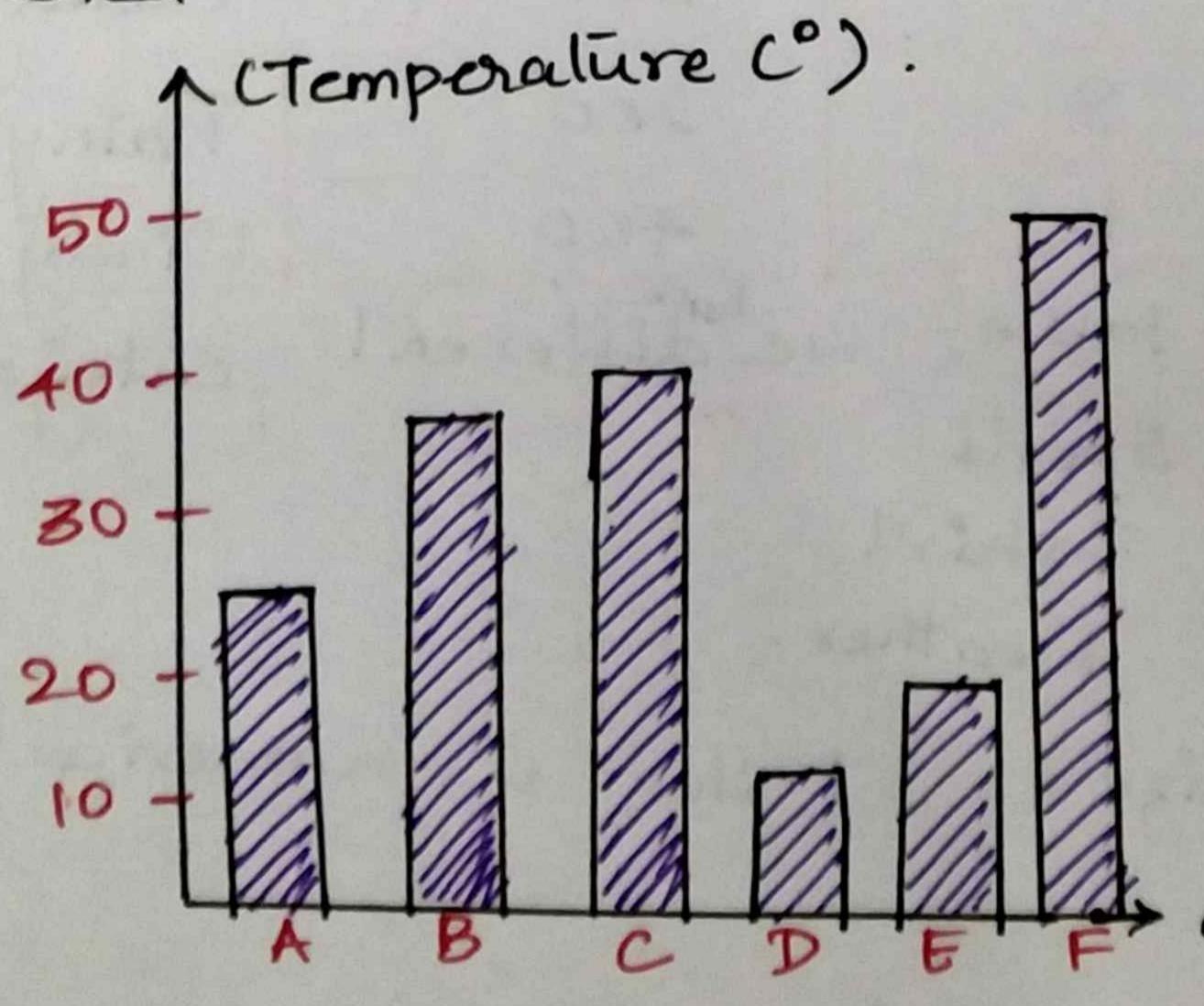
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There are two types Cotegorical dala

Ordinal Categorical date: Ordinal Dala are the ones that can be ordered in a particular order. In the above table, the Rize of T-shirt is ordinal data. We can order them as small < Medium < Large. That cannot be done with Neather. (surry < Cloudy) - This does not make sense. They type of dalas are known as Non-Ordinal Dala.

BAR CHARTS:-Barchark are a common visual tool for displaying a single cottegorieal variable. Cottegories are listed on x-axis, and frequencies on the y-axis.



This bargraph shows the temperalure of different cifies. The graph giver the and wer for the foll-questions.

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