and CP1 todat DA 1 exercise the property botaled to the comparts * Title: Inis Flower dataset o to some total one manyother o * Problem Statement: Download the Iris flower dataset or any other dis into a Dataframe Use Python/R and perform. > How many features are there and what are their types? Dempute and display summary statistics for each teature available in the dataset -> Data Visualization - Create a histogram for even feature in the dataset to illustrate the feature distribution. a boxplot for each feature in the dataset -> Create -> Should be combined into a single plot. * Software requirements og Jupyter Notebook, Aca Agaconda navigator * H/w requirements: 8 GB RAM, 1 TB HOD (E) Box plats: a little medituhu bong soci to talq soci A (a * Theory introduction of the sound s D'Histogram: A vertical bour chart is used to draw a histogram which represents the distribution of a set of data over a continuous interval or certain time period and relationships of a single variable over a set of classes.

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b) while representing the tabulated data into the histogram, the tabulated frequency at every interval /instance is represented by every box in a histogram and the total area of a histogram is equal to the no. of data. c) It is one of the most commonly used graphical representation of data. d) It displays and organizes the table data into wer-friendly format. fren for 100 freg: 30 F T T T 10 20 30 40 50 60 70 robopius Sepal length (cm) > REE REM ETE HOD . 2) Box plots: or box and whithers plot is a) A box-plot graphical Summary of a distribution. b) The box in the middle indicates hinges (close to 1st and 3rd quartiles) and median. to devote warring a roug state 19 the distribution and is often more useful compare distributions side-by-side as it is more compact than a histogram.

