ASSIGNMENT

DATA MINING

JULY 17

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1) Which dataset you've selected?

I have selected Where is time spent by the people around the world Dataset to perform EDA (Exploratory data Analysis) on it.

2) What analysis you've done in the starter code?

I have imported the required libraries for analysis which are Seaborn , Matplotlib ,Pandas, numpy and Os . After importing first I load the dataset into a variable called df. Then I have examined does the dataset contains Null values. After that I looked the summary of the dataset and examined the data type of each column in my DataSet. Then I analyse how many columns with data type object are present in the dataset. This part was all my Preprocessing Part. Now I have started Doing Cleaning on the dataset. First I examined the number of rows 461 and columns 3. To handle noisy data in the data set I have examined the rows their exists no Null Values. This dataset contains three columns, Country, Category of activity, and Time spent on that activity in minutes. As a whole, this dataset infers what kind of activity is valued by the people of varying nations.

3) What information you got?

The information I've got from my Analysis is given further below:

- Japan spends the most time in minutes on paid work, sleeps the least, spends the least time caring for households.
- Latvia on second place in the time on paid work. Together with Lithuania spends a minimum of time in minutes for education.
- Italia spends the minimum time in minutes on paid work.
- South Africa spends the most time in minutes on sleep.
- Korea spends the most time in minutes on Education.
- Mexico spends the most time in minutes on houswork.
- India and South Africa spend almost no time on shopping
- Most people spend their time sleeping.

And you can see other categories in which people from different countries spend their time (in minutes).

Also,
In Japan missing Attending events.

Purpose of the dataset

How people spend their time is similar in many ways across countries: we all sleep, work, eat and enjoy leisure. But there are also important differences in the freedom people have to spend time on the things they value most. Studying how people across the world spend their time provides an important perspective for understanding living conditions, economic opportunities, and general well-being.