PROBLEM SET 2 (OUT OF 5 MARKS)
DCSE 115, ELEMENTS OF DATA SCIENCE AND MACHINE LEARNING

C4, SEMESTER 1 2024

1. Using the dataset called "adult". carryout the following tasks

   (a) Import the dataset into jupyter notebook environment and perform data exploration of your choice?

   (b) Identify and display the total number of missing values in each column and drop any columns with missing values?

   (c) Calculate and display the descriptive values of the features of your choice possible in the dataset?

   (d) Display the dataset with age greater than 89 years.

   (e) Generate visualizations for continous and discrete variables of age & race, including at least a scatterplot of either age and CapitalGains and/or education-num

PROBLEM SET 1 (OUT OF 5 MARKS)
DCSE 115, ELEMENTS OF DATA SCIENCE AND MACHINE LEARNING

C4, SEMESTER 1 2024

1. Using the dataset called "adult". carryout the following tasks

   (a) Import the dataset into jupyter notebook environment and perform data exploration of your choice?

   (b) Identify and display the total number of missing values in each column and drop any columns with missing values?

   (c) Calculate and display the descriptive values of the features of your choice possible in the dataset?

   (d) Display the dataset with age greater than 89 years.

   (e) Generate visualizations for continous and discrete variables of age & race, including at least a scatterplot of either age and CapitalGains and/or education-num