0Computational Statistics and Probability

Assignment for Mid Term

Spring: 2020-2021

Total marks: 10

Date of Submission: 8 November 2020

File name should be your ID. Write your name and ID in every single page.

\*\*\* For the students of having ID (Odd-Odd [last two digits]), i.e. 1105-1211-1.

Enjoy the assignment to collect the primary data from (5-10) families around your neighborhood or relatives (Total number of person will be around 30-40) of the following variables:

1. Division/ origin
2. Gender
3. Age
4. Height
5. Weight
6. Education Level
7. Occupation
8. COVID-19 information (positive/negative/suspected/etc.)

You are asked to find out the followings:

1. Construct an age distribution for your neighbors or relatives.
2. Draw a Histogram and Frequency curve and Con the shape of the Age.
3. Represent the Education Level of your neighbors or relatives graphically.
4. Show the relationship of the Age and Height of your neighbors or relatives.
5. Calculate appropriate measures of central tendency for COVID-19 information.

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\*\*\* For the students of having ID (Odd-Even [last two digits]), i.e. 1105-1211-2.

Enjoy the assignment to collect the primary data from (5-10) families around your neighborhood or relatives (Total number of person will be around 30-40) of the following variables:

1. Division/ origin
2. Gender
3. Age
4. Height
5. Weight
6. Education Level
7. Occupation
8. COVID-19 information (positive/negative/suspected/etc.)

You are asked to find out the followings:

1. Construct a Weight distribution for your neighbors or relatives.
2. Draw a Histogram and Frequency curve and comment on the shape of the Weight.
3. Represent the Occupation of your neighbors or relatives graphically.
4. Show the relationship of the Weight and Height of your neighbors or relatives.
5. Which variable has more variability between Age and Weight.

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Enjoy the assignment to collect the primary data from (5-10) families around your neighborhood or relatives (Total number of person will be around 30-40) of the following variables:

1. Division/ origin
2. Gender
3. Age
4. Height
5. Weight
6. Education Level
7. Occupation
8. COVID-19 information (positive/negative/suspected/etc.)

You are asked to find out the followings:

1. Construct a Height distribution for your neighbors or relatives.
2. Draw a Histogram and Frequency curve and comment on the shape of the Height.
3. Represent the COVID-19 information of your neighbors or relatives graphically.
4. Show the relationship of the Weight and Age of your neighbors or relatives.
5. Which variable has more variability between Age and Height.

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Enjoy the assignment to collect the primary data from (5-10) families around your neighborhood or relatives (Total number of person will be around 30-40) of the following variables:

1. Division/ origin
2. Gender
3. Age
4. Height
5. Weight
6. Education Level
7. Occupation
8. COVID-19 information (positive/negative/suspected/etc.)

You are asked to find out the followings:

1. Construct a Height distribution for your neighbors or relatives.
2. Draw a Histogram and Frequency curve and comment on the shape of the Height.
3. Represent the Origin of your neighbors or relatives graphically.
4. Show the relationship of the Weight and Age of your neighbors or relatives.
5. Calculate appropriate measures of central tendency for Occupation.