Numerical
Classify: Height
Classify: Years of Experience
Classfy: Monthly Salary
Classify: Weight
Classify: Taxable Income
Classify: Time taken to produce one product
Classify: Age

Categorical
Classify: Civil Status
Classify: Gender
Classify: Status of Employment

Primary
Classify: Data gathered from interview
Classify: Data gathered from personal observation

Secondary
Classify: Data gathered from books
Classify: Data gathered from magazines

Identify the the basic form of probability sampling
simple random sampling

When you are dealing with a very large population such as the total residents of the Philippines, which sampling technique can be best used?
Multi-stage Sampling

In this technique, the respondents are chosen on the basis of their knowledge of information needed. Chosen respondents are those who satisfied the criteria laid down by the researcher.
purposive sampling

Identify the technique where samples are chosen only when the researcher meets them by chance
accidental sampling

In this method, sample units are obtained by drawing every nth element of a series representing a population
Systematic Sampling

This sampling technique is used when the researcher does not have the data regarding the population
snow-ball sampling

This is a type of sampling wherein groups are randomly chosen instead of individuals.
cluster sampling

Which of the following is not included in the group
snow-ball sampling

Which of the following is not included in the group
convenience sampling

This is a statistic expressing the amount of random sampling error in a survey's results
margin of error

This is used to draw generalizations, interpretations or conclusions about the properties or characteristics by a large group of people, places or things on

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the basis of the information obtained from a portion of a whole.
Inferential Statistics

Analyze the data and determine whether it is positively skewed or negatively skewed: Mean = 30, Median = 10, Standard deviation 20
Positively Skewed

Analyze the data and determine whether it is positively skewed or negatively skewed: Mean = 10, Median = 30, Standard deviation 20
Negatively Skewed

If the value of mean, median and mode are equal, the distribution is said to be normal

In this type skewness, median is greater than the mean but less than the mode
Negatively Skewed

In this type skewness, median is greater than the mode but less than the mean
Positively Skewed

Among the measures of central tendency, which is easily affected by extreme values?
mean

If you will be tossing a coin first then you will roll a dice. What is the probability of getting a head and a number 4?
0.0833

The average number of homes sold by the Acme Realty company is 2 homes per day. What is the probability that exactly 3 homes will be sold tomorrow?
0.18

The average number of homes sold by the a realty company is 2 homes per day. What is the probability that greater than 3 homes will be sold tomorrow?

Given the following data 10, 20, 30, 40, 50. Find the population standard deviation
14.14

If a group of data has a variance of 1000, what is the standard deviation?
31.62

When you roll a dice, what is the probability of getting an odd number?
0.5

Which statement is incorrect?
Statitics purely deals with mathematics

There are 7 applicants for a job, in how many ways can you select 2 applicants to occupy the vacant positio
42

Suppose that the amount of time one spends in a bank is exponentially distributed with mean 10 minutes, ? = 1/10. What is the probability that a customer will spend at most 15 minutes in the bank?
none of the above

A company has 25 rank and file employees. They are planning to have an organization. In how many ways can they elect a president, vice president, secretary and treasurer?
303,600

In an employment exam, 3 applicants got a score of 21-30 while 4 applicants got

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31-40. What is the median class?
31.75

Analyze the data and determine the kurtosis: 10, 20, 30, 40, 50
platykurtic

Analyze the data and determine the kurtosis: 40, 30, 10, 5, 15
platykurtic

A company has 30 employees in the operations division, 5 employees in finance and 3 employees in human resource. Compute the sample size at a 0.2 margin of error.
15

The average sugar intake of a person is 80 grams per day, with a standard deviation of 5 grams. What is the probability that a randomly chosen person has greater than 75 grams of sugar intake per day?
0.84

Analyze the situation and identify what type of distribution function to be used. When you venture into a business for 5 times, what is the probability that you will get make profit for 3 times?
Binomial

Variance refers to
the likelihood that the mean is accurate

A set data has five elements having a mode of 6. Find missing data 10, 4, 6, 7, _
6

You want to find the most popular brand of cologne used by employees. What is the most appropriate measure to be used?
mode

The average number of homes sold by the a realty company is 2 homes per day. What is the probability that greater than 3 homes will be sold tomorrow?
0.14

45/50

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