UNIVERSITI TEKNOLOGI MARA
Fakulti Sains Komputer dan Matematik

FUNDAMENTALS OF STATISTICS (STA111)

TITLE: A STUDY ON PERCEPTION TOWARDS STATISTICS FIELD AMONG DIPLOMA STATISTICS STUDENTS

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SEPT 2019 – JAN 2020

CONTENT OF THE STUDY

CHAPTER ONE

INTRODUCTION

1.1 BACKGROUND OF STUDY

Statistics represent scientific ways or methods for collecting, organising, analysing, interpreting and presenting data as useful information to draw valid conclusions and make effective decisions. All kinds of scientific needs to be proficient in using statistics so people would be able to use what data show efficiently.

Advanced level coursework will require people to demonstrate the ability to use data effectively by using statistics. People will need to calculate and draw graph or charts to identify the important features of the data and provide insights into the type of models and analysis that should be used.

The ability to use descriptive statistics is important to presenting the data in meaningful form. Inferential statistics in also important to make inferences from samples to populations. By using statistics, people won't need to use every single possible result to form a valid conclusion. If people use statistics well, the data can be collected in minimum amount to support or reject a hypothesis. It will also help to reduce amount of work that should be done.

1.2 PROBLEM STATEMENT

Nowadays, statistics is unpopular course in Malaysia due to lack of expose from people who already known about this course. Most people in this country didn't take this course seriously even though many companies either big or small need someone who already have knowledge about collecting, organising, analysing, interpreting data to make data easily develop to users.

Some people think that statistics course is hard and complicated to study. So, people will choose the easy courses either that hard and a lots of job opportunities. Most people do not know the advantages of this course. In this situation

1.3 OBJECTIVES

The objectives in this study are written as below:

- To promote course statistics to the new generation.
- To show the importance of statistics in the studying environment.
- To investigate their opinion about course statistics.
- To identify the student's knowledge about statistics.
- To identify what is the future plan of Diploma Statistic in UiTM Cawangan Kelantan.

1.4 SIGNIFICANCE OF STUDY

The findings of this study will be useful to all people either in this course or not. The results of this study can be beneficial to the new generation that would like to further studies in statistics field.

The findings of this study could be significant and beneficial....

CHAPTER TWO

METHODOLOGY

2.1 TARGET POPULATION

Population of the study can be defined as all subjects either human or otherwise that are being studied. In this study, the target population is all 92 CS111 Diploma Statistics students in UiTM Cawangan Kelantan.

2.2 SAMPLE

The definition of sample is a group of subjects selected from a population.

Figure 2.1 Relationship between sample and population

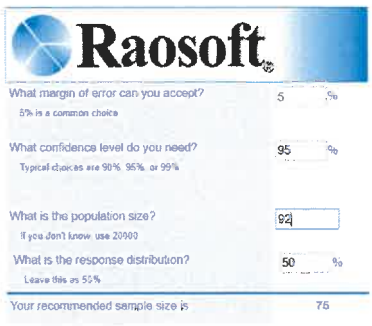

Figure 2.2 Raosoft

Based on the Raosoft, the sample size is a group of students selected from all 92 CS111 Diploma Statistics students in UiTM Machang. However, to facilitate the study, the sample size for this study is only 75 since this study is a small-scale study.