

## **CHAPTER III**

### **RESEARCH METHOD**

This Chapter presents explanation of research design, population, sampling and sample, data collecting method, and data analysis method.

#### **A. Research Design**

For researcher, it is important to determine the research method in conducting a research. The research makes design as approach to carry out the research. So, here the researcher in conducting the research use quantitative approach since the purpose in this research is to verify a certain theory. It needs the statistical result data which is dominant one. Statistical data can be used to know frequency of occurrence of each type of language function found in the conversational fragment of “miracle Worker Movie”.

In this study, the research used descriptive quantitative surveys. This research is designed a survey research. According to Cohen etc. (2000: 95) Survey is used to gathering large scale data in order to make generalizations, generating statistically manipulable data gathering context-free data. So, it is used for measuring, testing, representativeness, and generalizability the opinions, scores, outcomes, conditions, and rating.

So, based on this research, it describes all about language functions that have occurred found in the conversational fragment of “miracle Worker Movie”.

## **B. Population, Sampling and sample**

1. The population of this research is all language function in the conversational fragments occur in the movie script. The researcher gets the population by watching the movie and downloading the movie script. The total number of population is 79 utterances.
2. The sampling technique used in this research is simple random sampling. This research used simple random sampling because the researcher took some of the population to be analyzed randomly.
3. The sample of this study is some utterances containing language function that are chosen randomly to be analyzed from the population. The number of sample is 31 utterances.

## **C. Research Instrument and Data Collection Technique**

### **1. Research Instrument**

The instrument of this research is document. The document used is movie script that is downloading of Miracle Worker which contains conversational fragments including those that involve language function.

### **2. Data Collection Technique**

Data collection technique in this research is carried out in some steps, they are:

- a. Watching Miracle Worker movie.
- b. Understanding the context in Miracle Worker movie.

- c. Downloading the movie script of Miracle Worker movie.
- d. Selecting the conversational fragments containing language function.

#### **D. Data Analysis**

The necessary steps of collecting the data are as follow:

1. Elaborating theories related to the problems and anything needed which would established it as the key of the analysis based on the purpose of study.
2. Coding or Categorizing the data.

Not all of conversation in Miracle Worker movie consist of language function, and the data which are used only the data in line with research problem.

3. Analyzing the dialogue which include as six types of language functions based on theoretical framework of Holmes (2013).
4. Presenting the data which dominant type by using a simple statistical analysis.

Statistical analysis:

$$P = f/N \times 100\%$$

Where P is symbol of percentage, *f* is the frequency of occurrences each type language functions and N is the total number of language functions found in the entire data.

5. Drawing Conclusion