

## CHAPTER III

### RESEARCH METHOD

In this chapter, the research methods used to analyze swearing words are research design, research object, research instrument, data collection, and data analysis.

#### 3.1 Research Design

Research design is a systematic strategy to hold scientific matter which means supplying a suitable arrangement for research (Indu & K, 2020). In choosing a research design, the researcher had to decide on related information from some sources for the research. It can be said that the research design mentioned all the strategies that were selected to gather various parts of the research rationally to make sure that the problem of the research was handled well. It had purposes for the data collection, assessment, and data analysis. In deciding the type of research design, the researcher refers to the research problem. It could be quantitative or qualitative.

The quantitative method is a numerical method that is produced and counted mathematically, this method applies different scales that contain ordinal, ratio, nominal, and interval for assessing (Kabir, 2016). The qualitative method is the type of research design that allows the researcher could do exploration to their research. It is used to understand opinion, figure out the strong reason, and get motivation. (Indu & Vidhukumar, 2020), also said that the purpose of qualitative methods is to develop ideas connected to public influence in managing by obvious meaning, knowledge, and thought. In addition, Taherdoost (2021), believes that

there are two main points of qualitative methods such as doing observation and reviewing documents.

So, this research used the qualitative library research method to process data accurately and efficiently since the movie itself was the source to get all of the data. Amelia & Dintasi (2019), also believed that library research is carried out by a study by getting information from related books and journal articles, but this research used movies. The other reason to use library research was to gain a better understanding of the movie that was being analyzed such as defining the dialogue which types and functions of swearing words used by Mullins as the loudmouth Boston police character in *The Heat* movie.

### **3.2 Research Object**

The research object is an item of this research that is being analyzed. The research object of this research was *The Heat* movie which was written by Katie Dippold, directed by Paul Feig, and produced in 2013. The length of the movie was 117 minutes. In this movie, the researcher explored and analyzed the use of swearing words but it just focused on one of the main characters called Detective Mullins who is the loudmouth Boston police. The dialogue from the script in every scene was collected to get the data for this research.

### **3.3 Research Instrument**

A research instrument is a means to gather, assess, and study the data that refers to the research's importance and it also contains surveys, interviews, tests, and checklists (Vira, 2021). The researcher normally defines the research instrument and connects it to analyze the method used in the specific investigation.

Therefore, in this research, the researcher used herself as the research instrument. Because of that, she had to gather the data, select various sources as information, stay focused on analyzing the research, measure the data quality, define the data analyzed, and draw conclusions about the findings. It can be said that the researcher was the mastermind who set this research and as well as *The Heat* movie analyzed. This research had the purpose of figuring out the swearing words, the type of swearing words, and the function of swearing words in *The Heat* movie by Mullins the loudmouth Boston police as one of the main characters. The researcher used the script of *The Heat* movie to make it easier when doing the analysis.

### **3.4 Data Collection**

Kabir (2016), stated that data collection is the procedure of collecting and assessing information on many resources that are being investigated, it is an important step in conducting research. If the research-required data cannot be collected, the analysis could not be finished. The researcher decided to apply the library research method to obtain further explanation. The data collection was as follows:

1. Watching *The Heat* movie 6 times using a laptop until knowing what the story talked about and how the character of Mullins acted and spoke.
2. Downloading the script of the movie as the supporting to get the accurate dialogues that were being said.
3. Repeating and reading the dialogue wisely to decide the swearing word used by Mullins the loudmouth Boston police that is in the movie.

### 3.5 Data Analysis

Bhatia (2017), stated that data analysis is the process of researching raw data to make conclusions about the information which had the main aim to change unorganized data to a shape that could be understandable, readable, and sure. It also helped the way of making decisions. It can be said that data analysis is the procedure to examine the data as follows:

1. Make a list of swearing words used by Mullins as the loudmouth Boston police in the script of *The Heat* movie
2. Classify the types of swearing words that Mullins uses as the loudmouth Boston police in *The Heat* movie such as dysphemism (has a negative connotation), idiomatically (has an indirect way), abusively (has a direct way), emphatically (describe amazing thing), and cathartically (unexpected occur)
3. Categorize the functions of using swear words in *The Heat* movie by Mullins, the loudmouth Boston police, as well as conveying anger, hatred, disappointment, regret, wonder, insult, and intimacy
4. Crosscheck and validate all the types and functions of swearing words used by an Expert in English linguistics.
5. Describe the swearing word types and swearing word functions
6. Draw the conclusions when analyzing all the data is done.