

CHAPTER III

RESEARCH METHODOLOGY

Research method explains about how this research will be conducted. This chapter is divided into four parts. They are research method, data source, data collection, data and analysis.

3.1 Research Method

This research uses a qualitative descriptive method. Isaac & Michael define qualitative methods as methods for systematically, objectively, and accurately describing the facts and characteristics of a particular phenomenon or area of interest (Arbi, 2019). Another definition comes from Creswell (2018) states that qualitative research is a means of exploring and understanding the meanings attached by individuals or groups to social or humanitarian problems.

This research is based on a case study design. Creswell (2014) defines that Case Study is a qualitative design in which the researcher explores in depth a program, event, activity, process, or one or more individuals. The cases are limited by time and activity, and the researcher collects detailed information using a variety of data collection procedures over a continuous period of time (Priya, 2021). Case study research involves studying individuals, groups, or events in detail to understand real-world phenomena. It is often used in the social sciences and humanities to investigate complex issues and provide insight into a particular phenomenon or situation. Case studies can include a variety of data sources such as interviews, observations, and documents. The purpose of a case study is to gain a detailed and in-depth understanding of the case topic and generate new theories and insights (Coombs, 2022).

Based on the definition from several experts above, the researcher decides that this research is case study design in descriptive qualitative research. It is because this research has the purpose to analyze the types of pronunciation errors

and to describe the factors causing the errors in pronunciation made by Indonesian singers while covering English songs

3.2 Data Source

This data source takes from the YouTube channels Indah Yastami and Via Vallen. The researchers chose the two singers because when they covered the English song, there were pronunciation errors when singing it. There are three songs covered by Indah Yastami and Via Vallen that contain pronunciation errors. Could see in the table below.

Table 3.1 *Songs used in the research*

No.	Songs	Albums	Singers	Uploded
1.	Make You Feel My Love by Adele	19 albums	Indah Yastami	2 years ago
2.	Payphone by Maroon 5	Overexposed	Indah Yastami	2 years ago
3.	The Scientist by Coldplay	A Rush of Blood to the Head	Indah Yastami	2 years ago
4.	Speechless by Naomi Scott uploaded	Aladdin	Via Vallen	4 years ago
5.	Angles Like You by Miley Cyrus	Plastic Hearts	Via Vallen	5 months ago
6.	Alone, Pt. II by Alan Walker	World of Walker	Via Vallen	3 years ago
7.	Lily by Alan Walker	Different World	Via Vallen	4 years ago
8.	So Sick by Ne-Yo	In My Own Words	Via Vallen	5 years ago
9	Heal the world by Michael Jackson	Dangerous	Via Vallen	4 years ago

10.	God Is A Women by Ariana Grande	God Is A Women	Via Vallen	5 years ago
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3.3 Data Collection

In this research, there are two techniques for collecting the data. The first technique is library research. Library research is used to find references relevant to the topic of pronunciation errors. By reading several sources such as journals, theses, books, and articles from the internet and the faculty library, the researcher obtained material or information that is closely related to this research. Mardalis (1999) said that library studies are a type of research used to collect information and data using various kinds of materials in the library field such as novels, newspapers, textbooks, songs, films, magazines, papers, and articles. The researcher uses Gerald Kelly's theory about phonemes from the book entitled *How to Teach Pronunciation*, then uses Dulay's theory about types of pronunciation errors from the book entitled *Two Language* and the researcher uses O'Connor's theory about factors causing pronunciation errors from the book entitled *Pronunciation problems: a case study of English language students at Sudan university of science and technology*.

The second technique is document analysis. Fischer (2005) says that document analysis as a systematic procedure for reviewing or evaluating documents, both printed and electronic material. According to Creswell (2007), document analysis consists of three steps, namely preparation, organizing, coding, and finally data presentation. Preparation and organization are steps in obtaining and collecting data. Coding is the process of making a list of data. The goal is to choose which data will be analyzed. The last step is to present the data in a way that is easy to understand. In this study, document analysis is used to find pronunciation errors made by Indonesian singers when covering English songs. The first thing the research did was use the Voix application to remove background music. Then, the researcher listens to English songs covered by Indonesian singers with the background music removed and also listens to videos of songs sung by the original

singer which include the lyrics. If there is an error, the researcher checks the U-dictionary to determine whether the singer uses a different accent from the original singer. If there are pronunciation errors, the researcher records the word using Elsa Speak as a tool to identify phonetic transcriptions of words that contain pronunciation errors

3.4 Data Analysis

This section presents the steps of analyzing data. According to Arbi (2019) analyzing the data refers to the actions of analyzing the data in the form of words (description, observation, impression, and so forth).

a. Pronunciation Errors

The researcher identified the pronunciation errors made by the Indonesian singer by analyzing the video of English song covers on YouTube. The researcher recognized the characteristics of pronunciation error by implementing theories by Gerald Kelly (2000). **In the first step**, the researcher chose several English songs covered by Indonesian singers and used the Voix application to remove background music. **In the second step**, the researcher listens to English songs covered by Indonesian singers with the background music removed and also listens to videos of songs sung by the original singer which include the lyrics. If there is an error, the researcher checks the U-dictionary to determine whether the singer uses a different accent from the original singer. **The third step** is to use the Elsa Speak app as a tool to identify phonetic transcriptions of words that contain pronunciation errors.

b. Types of Pronunciation Errors

The researcher classifies types of pronunciation errors using Dulay et.al (1982) theory. First, the researcher gained an understanding type of pronunciation errors theory. Second, the researcher looks at the phonetic transcriptions of words that contain errors in pronunciation, then classifies

them into several types and describes why the words containing the error belong to that type according to Dulay's theory.

No.	Incorrect	Correct	Type of Pronunciation	Reason
1.	/'swɒ.lou.ɪŋ/	/'swɛ.lou.ɪŋ/	Misformation	Substituting the vowel /ɒ/ with /ɛ/
2.				

Table 3.2 *Types of Pronunciation Errors*

c. Factor Causing Pronunciation Errors

After classifying the types of pronunciation errors, the researcher analyzed the factors that cause pronunciation errors using O'Connor theory.

No.	Correct Pronunciation	Incorrect Pronunciation	Factor Causing Pronunciation Error			
			MTI	SSD	IEV	ISEP
1.	/'swɒ.lou.ɪŋ/	/'swɛ.lou.ɪŋ/			✓	

Table 3.3 *Factors Causing Pronunciation Errors*

Note:

MTI: Mother Tongue Interference

SSD: Sound System Differences between L1 and L2

IEV: Inconsistency of English Vowels

ISEP: Influence of Spelling English Pronunciation