

CHAPTER III

RESEARSH METHOD

The methodology of the investigation is described in this chapter. It discusses design, data and data sources, technique of data collection, technique of data verification, and data analysis.

A. Research Design

Because it collects additional data, uses a corpus tool, and does corpus analysis, this study uses a corpus-based approach (McEnery & Hardie, 2012). Corpus linguistics is a linguistic methodology that deals with how to collect and analyze linguistic data (McEnery & Hardie, 2012; Stefanovich, 2020). The goal of this study is to categorize the many types of verbs that appear in news articles. This study uses corpus as the sole source of data for analysis to ensure that the research method is appropriate for the study's goals, hence corpus-based research methods are used. According to Kaewphanngam et al., corpus-based research is a method of analyzing naturally occurring speech in the form of both recorded utterances and written texts (Kaewphanngam et al., 2002). A corpus is a collection of speech samples stored electronically in a computer. The corpus is usually saved in a computer to make it easier to analyze enormous amounts of words that are difficult to compute manually. In this study, the researcher conducted analyses such as generating each word to find the words used in news stories and Part of Speech tagging to learn each part of speech of the frequently-used words. The words that appear in a corpus, as well as the number of times they appear, are displayed in a frequency list (Bennett: 2010). Using this list,

the researcher was able to discover the most prevalent terms in the corpus, notably verbs. The researcher used part-of-speech tagging to assist her find the verb more quickly and accurately until she was able to classify the verb classes into their own category.

B. Data and Data Source

1. Data

In research, data is used to answer questions or solve problems. Because this study is based on one, the corpus is the sole data used. In order to identify prevalent verbs in news stories and set research objectives, the researcher gathered many news article texts for this study. The study's data came from news articles reporting on any facts or information about the world. As a consequence, the researchers discovered 70 news headlines with a total of 98,432 word tokens in the articles they collected for this study.

Table 3.1. News Headlines of News Articles

No.	News Headlines
1	Protester on Thai police: There is no mercy for us
2	Thailand's \$1 billion ketamine bust a 'misunderstanding' as officials fail to find drugs
3	Thailand arrests 89 foreign tourists for violating Covid-19 rules
4	A truck carrying pro-democracy protesters with a loudspeaker system moves through the crowd at an anti-government rally in Bangkok

5	A tour of Bangkok's spookiest sites
6	How a secretive hippie hideaway in Thailand transformed into a world-renowned beach retreat
7	Thai Airways launches 'flight to nowhere' for religious worshipers
8	Thailand's online porn ban sparks backlash
9	If your day doesn't start until you're up to speed on the latest headlines, then let us introduce you to your new favorite morning fix.
10	The land of compromise
11	Thailand's Prime Minister has revoked emergency measures imposed on Bangkok following more than a week of daily anti-government protests in the nation's capital and other cities.
12	Thailand police use water cannon vehicle against protesters
13	Anti-government protesters link hands as they take part in a pro-democracy rally
14	Thousands of protesters in Thailand's capital hit the streets for a second night on Thursday, defying a government emergency decree aimed at quelling pro-democracy demonstrations that have gripped the country for more than three months.
15	Royal seat in the sky

16	Ancient Thai city grapples with surging monkey population
17	20 killed on temple trip in Thailand as bus, train collide
18	The world's 50 best foods
19	50 of the world's best desserts
20	As Asia's 'travel bubbles' fail to materialize, travelers face prospect of long winter at home
21	Protesters in Thailand using 'Hunger Games' sign to demand reform
22	Hunger Games
23	Pro-democracy activists are again calling on people to boycott 'Mulan'
24	Bangkok, Thailand (CNN)King Maha Vajiralongkorn of Thailand is welcoming his consort back into the royal household, a surprise move that comes as the country is in the throes of an unprecedented protest movement calling for reforms to both government and the monarchy.
25	Thailand managed 101 days without local coronavirus cases. Will it open borders soon?
26	Bangkok/Hong Kong (CNN Business)A court in Bangkok has ordered the arrest of the heir to the Red Bull fortune on fresh charges, adding another twist to a scandal that has turned a spotlight on one of Thailand's wealthiest families.

27	Facebook is planning legal action after the Thai government forced it to block a group deemed critical of the country's monarchy.
28	Thailand floats plan to welcome back international tourists in October
29	Bangkok, Thailand (CNN)It was an act unthinkable in Thailand mere months ago an estimated 10,000 anti-government protesters packing Bangkok's Democracy Monument on Sunday, with some calling for reform of the country's monarchy.
30	Migrant workers face death for murder of tourists
31	Asia's prisons are filling up with women. Many are victims of the war on drugs
32	The Red Bull heir, a crashed car and the scandal that angered Thailand
33	Which international destinations are reopening to tourists?
34	See endangered tigers captured on camera in Thailand
35	Thailand's beach resorts have reopened to domestic tourists. Here's what guests can expect
36	Protesters hold up their mobile phones during an anti-government demonstration at Democracy Monument in Bangkok
37	All charges dropped against Red Bull heir accused in death of police officer, Thai Police say

38	Before the virus, Asia's ecosystems were buckling under overtourism. When the tourists return, it has to be different
39	Thailand could become the first Southeast Asian country to legalize same-sex civil partnerships
40	Tammy Duckworth, now in VP spotlight, won't say if Biden should select a Black running mate
41	Rehab in paradise: Western addicts head to Thailand to detox
42	Tattoos, karaoke and a touch of film noir: What it was like to work with Anthony Bourdain in Thailand
43	Thai pilot, grounded by Covid-19, shifts to motorbike food deliveries
44	I was traveling in Thailand and got cast in Spike Lee's new movie 'Da 5 Bloods'
45	Thai restaurant owners given 723 years in prison for seafood scam
46	One year ago, when the final whistle blew in Stade Auguste-Delaune in France the scoreline sent shockwaves around the world: 13 goals to the US Women's National Team, none to Thailand.
47	As the world continues to ease lockdown measures, opportunities abound for the first wave of intrepid travelers who are willing and legally able to hit the road again.

48	Why Thailand isn't reopening to international tourists yet
49	Sent home in stitches: 20 years ago, a motorbike accident put an end to my Thailand adventures
50	Bangkok/Hong Kong (CNN Business) Thailand's flagship carrier will be restructured with the help of a bankruptcy court, making it the latest airline to succumb to pressure from the coronavirus pandemic.
51	Domestic flights begin returning to the skies in Asia amid Covid-19 pandemic
52	Plenty of whiskey, few backpackers: The wild story behind Lonely Planet's first Thailand guidebook
53	Sea turtles thriving in Thailand after beach closures
54	Chinese troll campaign on Twitter exposes a potentially dangerous disconnect with the wider world
55	Thailand's most popular island goes into lockdown as Covid-19 cases surge
56	Thailand elephant park promises to scrap tourist rides because of virus
57	These are Asia's best restaurants for 2020

58	The United States is starting to see more cancellations and postponements of large events aimed at stemming the spread of coronavirus, while major theme parks are closing their doors.
59	His party was banned. He faces jail. But Thailand's Thanathorn Juangroongruangkit vows to fight on
60	These are just some of the insights you'll walk away with after spending the night in one of the Anantara Golden Triangle Elephant Camp & Resort's fabulous new "Jungle Bubbles" in Chiang Rai, Thailand.
61	Japanese chef carves food into incredible pieces of art
62	Style has launched a dedicated Beauty section. Read more Beauty stories here.
63	Kirkland puts more firefighters in quarantine after dealing with coronavirus patients
64	The Ladies Professional Golf Association (LPGA) is the latest sports organization to take action against the spread of coronavirus after it canceled two upcoming tournaments in Thailand and Singapore.
65	Sea turtles thriving in Thailand after beach closures
66	Plenty of whiskey, few backpackers: The wild story behind Lonely Planet's first Thailand guidebook

67	Hong Kong (CNN)China expects around 160 million employees to return to their workplaces in the next week, as the country seeks to minimize the economic impact of the novel coronavirus.
68	Traveling to Thailand during Covid-19: What you need to know before you go
69	Thailand police revealed Sunday they tried several times to persuade a soldier who had killed 29 people to turn himself in, and even brought the gunman's mother in to talk to him.
70	5 things to know for February 10

2. Data Source

The researcher's data collection tool is referred to as the data source. The information for this study came from 70 news stories. These news reports were based on a report published in 2020 by Cable News Network, a Thai grassroots broadcasting website (<https://edition.cnn.com/specials/asia/thailand-topics>). CNN Digital is the world's top online news and information service, with the mission of informing, engaging, and empowering the global public. CNN's digital platforms are backed up by a committed team of journalists in CNN bureaus around the world who deliver news from almost 4,000 journalists in every corner of the globe 24 hours a day, seven days a week. Owned by A Warner Media Company and

located in Atlanta, Georgia 30303, this website has a lot of news articles that are sure to be authentic and can be analyzed for words from the articles.

Table 3.2. Data Source of Cable News Network

CNN International	Accession
<p>CNN Worldwide is the most well-known cable news brand in the United States, reaching more people than any other cable news company via television, the Internet, and mobile devices. CNN International reaches over 402 million households worldwide, making it the world's most widely distributed news network.</p>	<p>https://edition.cnn.com/specials/asia/thailand-topics</p>

C. Technique of Data Collection

In order to achieve the study's purpose, the researcher used documentation as a data collection approach. As documentation, you can utilize texts, images, audio, and other people's work. Documentation, according to Bogdan and Biklen (2007:133), is the gathering of information or materials such as autobiographies, newsletters, journals, newspapers, books, and articles. In this study, the researcher collected materials in the form of texts, particularly records in the form of news reports. The data was collected from a website. In order to collect authentic data for the study, the researcher carefully identified the relevant website. The researcher can then collect texts to utilize in the

analysis. The text contains 70 article headings which were saved from the internet for free. They were stored as a Microsoft Word document so that the researcher could quickly check for typos and unnecessary jargon. After that, the articles were gathered into a corpus.

As a result, the prose of this study begins with the selection and collection of news article material. Then, after editing or removing errors and unfamiliar languages, create a corpus. Laurence Anthony of Waseda University eventually developed TagAnt 1.2.0 and AntConc 3.5.2, computer software for tagging and analyzing the corpus. This study's corpus data originates from Thai news report articles on broadcast websites, which can be found at <https://edition.cnn.com/specials/asia/thailand-topics>.

D. Technique of Data Verification

The goal of this study is to identify the most regularly used verbs in order to validate the accuracy of the verb data. Laurence Anthony's basic free tagging application TagAnt 1.2.0 was utilized by the researcher. The tagging tool is used to identify the word kinds in each word of the text before using AntConc to analyze the corpus. Anthony claims that (2014), TagAnt is a simple freeware tagging application that adds Parts-Of-Speech tags to either input text or an input list of text files (UTF-8 encoded) (POS). TagAnt runs on Microsoft Windows. It's written in Python and Qt, and it makes use of the PyInstaller compiler to produce executables for different operating systems. The tagging tools classify each word as a noun, pronoun, adverb, adjective, verb, and so on. After using the tagging tools, the researcher can sort and evaluate all of the verb-

tagged terms in the body of the news piece. As a result, the data-related verbs utilized in this study were accurate and did not correspond to the researcher's hypotheses.

E. Data Analysis

The essential process through which a researcher encounters vast amounts of field notes, interview transcripts, audio recordings, video data, reflections, or material included in papers, all of which must be processed and interpreted, is known as footage analysis. Data analysis, according to Migrant & Seasonal (2006), can refer to a range of methods and procedures. However, the researcher contends that data analysis must be considered as part of the process before programs can effectively use these techniques and approaches. This implies that, in addition to working with data, data analysis include goals, relationships, decision-making, and concepts. Simply said, data analysis is the process of utilising information (data) to support your program's or agency's operations, goals, and plans. Compiling the data into a corpus, converting the data into TXT files to make the corpus readable in a software tool, analyzing the data with selected tools, categorizing the data into more specific classifications to allow for more convenient analysis, and finally, interpretation were all part of the data analysis process in this study.

First, data were collected, which were used to create the corpus. The texts of the press articles from the website of the channel Cable News Network (CNN) were selected according to the purpose of the study. The texts were chosen based on their category, which was educational articles about current

events in Thailand. They were stored in Microsoft Word format and gathered. This office program was utilized by the researcher to make the procedure of modifying entire texts easier and more convenient. The writings were gathered and grouped in chronological sequence of publication.

Before conducting corpus analysis using the specific tool, the corpus file was converted to TXT format to make the data more intelligible. This file type is the only one that the corpus analysis application can read. The corpus file was converted using Notepad++, a free tool produced by the Free Software Foundation and available at <https://notepad-plus-plus.org>. After the text has been converted, the researcher was able to begin analyzing the corpus with AntConc 3.5.2 after ensuring that the txt file was well-structured, with no superfluous portions or errors, and no tagging. AntConc 3.5.2 is a cross-platform, free software application created specifically for corpus analysis by Laurence Anthony of Waseda University's Center for English Language Education Science and Engineering (Japan). Using this software, a researcher can generate lists of texts containing the entire words of the body of news articles. By selecting the Concordance tab, which provides a list of all instances of the specified term, the corpus, which was labeled as part of speech, was evaluated with concordance data. The data analysis process begins with copying the KWIC (Key Word In Context) results to document files, which are then categorized into verb categories. Thus, it can be used to help researchers generate in choosing the classes of verbs in the news articles.

The researcher was able to see the verbal words that are commonly used in the news report by using AntConc's word frequency list. After that, the researcher looked at the top 100 verbs. The overall percentage of verb frequency was obtained after pasting the verb list into Microsoft Office Excel and sorting it by frequency. The researcher organized the categorization of each verb according to Beth Levin's (1993) English verb classes after producing a list of verbs and their frequency. Based on their semantic value, Levin (1993) divided English verbs into at least forty-nine verb classes.

Based on the categorization, The researcher was able to identify the verb category utilized in news stories using the classification. Finally, the researcher can use the analytic results to respond to and evaluate a research question, as well as draw inferences from the findings.

Chart 3.1. Shows the Data Analysis Steps

