CHAPTER 1

INTRODUCTION

A. BACKGROUND

Malioboro Street is one of the famous tourist attractions in Yogyakarta. Besides the other tourist attractions in Yogyakarta are Parangtritis Beach, Merapi Mountain, Ledok Sambi, etc. However, Malioboro Street has its own characteristics, it is located on the philosophical-imaginary axis and surrounded by commercial buildings (Shevadita & Santosa, 2021). The historic buildings, old stores that also sell antiques at affordable prices, and an atmosphere of antiquity that is complemented by relics or with antique ornament typical of Yogyakarta which are packaged in the form of galleries, museums, decorations such as statues wearing typical Jogja traditional clothes to chairs and street lights made in such way as to make the bold or strong Yogyakarta culture attached to the Malioboro Street.

Malioboro Street also functions as one substantial street for the locals to do their various activities such as economic and political, mobilization, cultural preservation, and culinary as well as several government offices located such as the DIY Governor's office, the legislature (DPRD), bureau of governance (*Biro Tapem*), and regional development planning agency (BAPPEDA), etc.

The Malioboro Street brought up here is the corridor part which contains the things above such as the permanent store and pedestrians path.

The corridor of Malioboro Street stretches from Tugu Station to Keraton

Yogyakarta linked by the Ahmad Dahlan corridor located in the corner of Yogyakarta's zero-point axis completed by the parking area on the west side of the corridor (Hertanto et al., 2018). Walking along Malioboro Street is just like entering a big craft market where crafts sellers sell handicrafts to visitors (Tourjogja, 2019). This is also supported by (Janita & Kartidjo, 2023) that the Malioboro Street corridor with street hawkers has been a landmark, a place where transactions, meetings, a diversity of activities, and discussions are held. Pedestrians and people walk in the Malioboro corridor, specifically, not the part of Malioboro street passing by the vehicles and non-vehicles as the transportation.

Mixed-mode transportation with and without vehicles is also implemented in Malioboro Street to meet the needs of tourists (Sumaryatiningsih, 2023). Vehicles such as buses, cars, motorcycles, and non-vehicles are also traditional modes of transport such as *delman* (carriage) and *becak* (pedicab). Besides using a vehicle, people go to Malioboro Street by walking (Kabelen et al., 2022). That mixed-mode transportation affected the walking environment on Malioboro Street. Besides mixed-mode transportation, space in Malioboro Street is used for parking and other things that become a challenge of Malioboro Street, especially for walkers.

However, there has not been research on the walkability concept in policy for pedestrians on Malioboro Street.

B. PROBLEM FORMULATION

Based on the background and concerning Regulation No. 2 of 2021 concerning the Yogyakarta City Regional Spatial Plan (RTRW) for 2021-2041 which regulates the development of pedestrian networks, there for this thesis will assist in how the government implements and evaluates the pedestrian policy?

C. THESIS PURPOSE

Based on the background and the problem formulation above, the focus of this thesis is on pedestrian policy, especially for evaluating policy on the walkability concept of Malioboro Street.

D. THESIS BENEFIT

This thesis is useful as a theoretical benefit in glossaries, learning resources, journals, and data archives, especially for research activities used by the community and students. Then in other practical benefits are as a basis or recommendation for the government, especially the Government of Yogyakarta to do their job as the institution in charge as well as the authorized party to regulate, provide, and implement facilities for the people in Yogyakarta, especially pedestrian in Malioboro Street.

E. LITERATURE REVIEW

The concept of walkability builds a friendly environment for walking, living, shopping, visiting, enjoying, or spending time in an area (Arellana et al., 2020). Another study by (De Vos et al., 2023) believes that residential density, street connectivity, land use mix, micro-scale elements

such as sidewalk quality, street furniture, and the presence of trees and greenery greatly influence the concept of walkability. This concept was one of the reasons pedestrian comfort makes pedestrians in various countries different and have a variety of different characteristics, regulations, and environments although still one goal of providing facilities for pedestrians that are comfortable and according to the criteria.

The walkability concept is also supported by the perspective of pedestrians. The study mentioned that pedestrians have complex and multidimensional behavior caused by their continuous interaction with the surrounding environment and people within a dynamic process (Feng et al., 2021). As mentioned, pedestrians who use the streets around the shopping centers, recreational areas that are also used as sports facilities, and tourist attractions along with an easy and comfortable access to use these facilities. Included the supporting point where the pedestrianization of Malioboro street is determined in making it comfortable and safe for pedestrians who are not only residents but tourists who have various characteristics and habits in case of using the street facility. The further study pointed out that there is no support for them to access the pedestrian side or there is no accessibility that they can as pedestrians, spatial planning that is not good in facilitating them for pedestrians and poor urban development, as well as with low opinions about Pedestrians who think that walking is included in the village community and are unable or poor (Hidayati et al., 2021).

Pedestrians are also not spared from the work of accidents that could happen every time. The accidents themselves are caused by the behaviour

of the pedestrian which is one of the consumers of the street including the motor vehicle consumer. The behaviour of pedestrians mentioned by (Wells et al., 2018) was researched in a college campus area, and defined as a woman who is likely to text and talk on the phone while men are likely to wear headphones. The study proves that accidents occur to pedestrians besides external factors, including collisions or incidents of pedestrians, due to the large number of pedestrians using electronic devices, including cell phones while walking (Narváez et al., 2019). Based on the research, the pedestrian's injury and unbenefited action are also caused by the behavior that they used as a pedestrian, together with the accidents that usually happen because of several things such as government regulations that are less assertive, pedestrian places that are not appropriate and inadequate, and also the awareness of pedestrians and other road users who are still lacking and not following the ideal pedestrian plans or standards.

An example from our neighboring country Malaysia, mentioned by (Bakhtiar et al., 2022) figures about the area in Malaysia namely Wangsa Maju one of the largest cities in Kuala Lumpur located in the North part and has various kinds of facilities as well for its residents including facilities for pedestrians. Areas such as the developed nations surrounded by developments and facilities such as residences, shops, places of worship, recreational parks, and schools within a 400-meter radius create areas that are more pedestrian-friendly due to the connectivity and density within them. In addition to access for pedestrian convenience, it is also supported by signs, symbols, and signposts for pedestrians as well as other road users

to understand each other. It might afraid the same goes for Kuala Lumpur's pedestrians as they commonly walk out of the marked crosswalk known as jaywalking and it is dangerous because the signs and marks are created to make pedestrians and other street users understand where should they stand and use the street without harming other people and giving the pedestrians safety and rights to walk (Hamidun et al., 2021).

In Singapore, they have several aspects for pedestrians, one of which is the architectural design which is also in the category of pedestrian street typology by Indonesia's Directorate of Spatial Planning, especially the city of Jogja, namely sidewalk (Manifesty, 2021). Coupled with the lack of car ownership in Singapore and their transportation connection system which is an important point, at a distance of about 350 meters, there will be one bus stop. Meanwhile, Yogyakarta especially Malioboro Street is not easily connected by transport or access to pedestrians. Fellow crowded tourist areas, Jalan Braga in Bandung is also one of the modern tourist destinations visited by various kinds of transportation, there are also equipped with shops, buildings, performances, and others. However, as mentioned by (Christine et al., 2022) Jalan Braga has problems such as facilities that should be used for pedestrians or tourists to sit but are used by the seller by some people, garbage thrown carelessly, pedestrians passing by in the middle of the road due to crossing facilities available only at the end of Jalan Braga coupled with the absence of bus or public transportation stops caused congestion in the area.

Not so different from the pedestrian problems in the Malioboro corridor such as parking on the street where people use the side of the road makes it more crowded which affects the comfort of the people who also use the corridor of Malioboro street (Karya et al., 2023). Moreover, there are still people who are upset and honking towards pedestrians using the zebra crossing even though it is the pedestrian's right to use the facilities (Irkhami & Prakoso, 2024). Thus, the pedestrian facilities will not be separate from the evaluation of the policy which is the basis of the facility implementation by the government and the people that are also related to planning, making, and implementing, until evaluating the project which pedestrians sidewalks. Pedestrian facilities are grouped into three; pedestrians, crossing facilities, and facilities for people with special needs (Puspaningtyas & Achmad, 2020). This means, all the points are supposed to build a path for pedestrians along with good structure and aesthetic elements to make them aware of their safety, comfy, and enjoyment of the walk. Also, disabled pedestrians need areas that provide materials that match the colours, symbols, and embossed textures that they can easily detect in using the pedestrian facilities.

The Ministry of Public Works and Public Housing (PUPR) in 2018 also regulated the technical development of pedestrian facilities and stated that the requirements for the construction of pedestrian facilities for people with disabilities, namely having pedestrian space for people with disabilities following the provisions of each disability, the existence of ramps, passing places, information providers, and guiding blocks (PUPR Ngawi, 2022).

Table 1.1 Previous Research

No	Researcher	Research Title	Research Result	Relevance
1	(Manifesty,	Towards	This study looked at	This study uses
	2021)	Walkability:	the condition of	the concept of
	,	Qualitative	pedestrian systems	walkability as an
		Assessment of	and facilities in the	assessment of the
		Pedestrian	city and showed that	pedestrian
		Environment in	the main cause of	environment,
		Yogyakarta and	pedestrian	especially in
		Singapore	dissatisfaction was	Yogyakarta by
		8 1	street conditions that	pointing out the
			did not place them	design of streets
			as the primary users.	for pedestrians
			Coupled with	which must meet
			studies between	four criteria
			several streets in	namely safety,
			Singapore and	meaning, comfort,
			Yogyakarta street	and spark interest.
			infrastructure and	The difference,
			improving the	this study focuses
			walking experience	more on
			are also things that	comparing the
			can encourage	situation of
			can encourage	situation of

			people to walk. So	Singapore and
			this research,	Yogyakarta, and
			prioritising the	does not discuss
			facilities is one of	in terms of policy.
			the efforts to satisfy	
			pedestrians and a	
			real effort by the	
			government to	
			address pedestrian	
			problems.	
2	(Suminar &	Identification of	The result of this	The concept of
	Anjar Sari, 2021)	Pedestrian	research show that	walkability as a
		Facilities in the	the concept of	tool to identify
		Affandi Street	walkability has not	pedestrian
		Corridor	been fulfilled on	facilities by
		Yogyakarta in	Affandi Street	emphasizing the
		Supporting the	because the	importance of
		Concept of	condition of the	pedestrian
		Walkability	facilities is not in	comfort aspects
			accordance with the	as important
			use of pedestrian	aspect in the
			paths. So, the	walkability
			problems raised here	concept and is
			is the state of the	expected to be an

			pedestrian street	evaluation
			condition segment.	material as well
				as input for
				planning in the
				Affandi Street of
				Yogyakarta. The
				difference, this
				research does not
				focus on
				walkability policy
				but rather on
				pedestrians tracks
				(trotoar).
3	(Suminar &	Application of	This research result	The aspects of
	Kusumaningrum,	Walkability	in the application of	comfort in the
	2022)	Principles of	the walkability	concept of
		Pedestrian Path	concept which is	walkability are an
		in Supporting	also useful in the	important
		the Green City	concept of green	discussion in this
		Concept (case of	cities characterized	research,
		Parasamya	by the fulfilment of	including the
		Street Corridor,	infrastructure	aspects of safety
		Sleman City)	facilities including	and security,

			ecological safety. So	convenience, and
			that walkability here	attractiveness that
			as one way to create	are complemented
			comfort from the	with policies as
			ecological side of	support for the
			green city concept.	implementation of
				the concept of
				walkability. The
				difference is this
				study more
				focused on
				walkability
				concept in
				supporting the
				green city concept
				and the comfort in
				ecological side.
4	(Chakam & R,	Study on Service	This article shows	To improve street
	2024)	Quality and	that the service	quality for
	/	Priorities of	quality of pedestrian	pedestrians
		Pedestrian Path	paths on Malioboro	requires safety,
		Development in	Street faces several	security, comfort,
		Malioboro Area	challenges, such as	and accessibility
		ivianocoro Arca	chancinges, such as	and accessionity

		to Support	the density of motor	factors. The
		Sustainable	vehicle traffic, lack	difference of this
		Urban Mobility	of quality pedestrian	article is more
			infrastructure, and	focuses on
			unsafe pedestrian	pedestrian
			behaviour	satisfaction using
			contributing to low	the Customer
			service quality. By	Satisfaction Index
			focusing on service	(CSI) as an
			quality, this thesis	analysis technique
			implements it with	(not the
			the aim of	walkability
			supporting not only	concept), to
			pedestrian	support
			satisfaction, but also	sustainable urban
			supporting	mobility.
			sustainable urban	
			mobility.	
5	(Saifuddin &	The Influence of	This research	This research
	Qomarun, 2020)	Pedestrian Path	concludes that the	points-out the
		conditions and	survey results from	comfort of the
		Street Furniture	pedestrians on the	pedestrian side on
		on the Comfort	condition of	the Malioboro
		of Public Space	pedestrian paths and	Street which one

		in Malioboro	street furniture on	of the factor of
		Street.	Malioboro Street get	walkability
			good predicate, and	concept, but the
			meet the comfort of	difference in this
			public space, while	research is more
			the access of the	focused on street
			pedestrian path itself	conditions and
			gets a low score so it	street furniture as
			can be seen here,	the aesthetic
			street furniture that	factors only.
			makes Malioboro	
			Street gets a high	
			score in terms of	
			aesthetics.	
6	(Febriarto, 2021)	Utilisation of	This research shows	This research
		Open Space for	that activities in	mentioned
		Gathering Places	open spaces on	regulations on the
		on Pedestrian	pedestrian paths are	function of open
		Paths	not only used for	space related to
			walking, but also for	pedestrians,
			gathering places and	especially their
			etc. Coupled with	rights such as in
			the fact that	the government
			pedestrian paths are	regulation in lieu

			not use of the factors	of law No. 03 of
			that influence	2014 (Permen
			pedestrian paths in	PU) concerning
			their function.	the planning of
				infrastructure and
				facilities for
				pedestrians. The
				different on this
				research is
				focuses more on
				the function of the
				open space and
				the overlap of
				function with
				pedestrian rights.
7	(T 1	The Head	Th	T1.:1.
7	(Lestarini et al.,	The Use of	The result of this	This research
	2019)	Transport	study show that if	raises the theme
		Modeling to	the scenario of full	of evaluation in
		Evaluate the	or half closure of	the
		Implementation	Malioboro Street has	implementation of
		of	different impact on	pedestrianisation
		Pedestrianization	the traffic volume	in the Malioboro
		in Malioboro	on the road network,	area. The

Area,	so transportation	difference is that
Yogyakarta	management and	this research
	transportation	focuses on
	engineering must be	transportation
	improved in	management and
	evaluating	the use of
	pedestrianisation in	transport
	the Malioboro area.	modelling
		concepts to
		analyse the
		evaluation of
		pedestrianisation
		implementation in
		the malioboro
		area.

The table above shows that previous research mentioned pedestrians where the majority of challenges mentioned are the space of the pedestrian pathway is used for parking and other things rather than for walking. However, the studies focused on environmental comparison, the green city concept, sustainable urban mobility, the influence of pedestrian paths for public space, and the use of transport modelling which view of the research does not focus on pedestrian regulations in the concept of walkability. This thesis will focus on the pedestrian policy of the walkability concept.

F. THEORY

This thesis uses the theory of walkability which has aspects that are widely used as concepts for pedestrians, namely comfort and safety. One of them is mentioned by (Speck, 2012), the general theory of walkability explains a walk has to satisfy four main conditions: it must be useful, safe, comfortable, and interesting. The regulation from the government is also needed to seek the purpose of this thesis which is the evaluation of the pedestrian policy of Malioboro Street. The theory used in this thesis is defined into four aspects (Uak, 2020) which are Access; Aesthetics; Safety and security; and Comfort. They are needed to support the convenience for the people using the pedestrian area, especially for recreation purposes.

1. Access

Create accessible pedestrianized space with to open spaces by foot. Ensured that the access can be used by all ages of society, also support for the elderly, people with disabilities, and people who bring baby carriage required by built wide pathways, large symbols or signs, non-motorized or motorized vehicle parking, and bicycles.

2. Aesthetic

An environment that brings pleasure to people that are developed to attract people to use it through excellent landscaping.

3. Safety and Security

Walkers must feel that they and their belongings are safe. It needs to give them an enjoyable and secure walk without thinking about being stolen or in an accident where the paths are designed to prevent crimes.

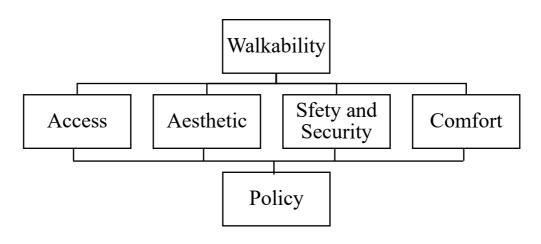
4. Comfort

Walkers can be confident of shelter, conveniences, and rest stops.

Drinking water, seating, and shelter from rain and heat are necessary for pedestrians to achieve comfort in walking.

G. CONCEPTUAL FRAMEWORK

Figure 1.1 Conceptual Framework



Modified from Uak (2020)

H. CONCEPTUAL AND OPERATIONAL DEFINITION

The conceptual definition is an abstraction in words that is a derivative of a theory that is narrowed down in helping to describe the variable to be studied. Malioboro Street are pedestrian way both on its east and west sides of the street, divided by the road where vehicles cross there, and it gives special character to Malioboro Street. Then, it implies that both the pedestrian ways, vehicular passageways, the building, and street vendors

alongside are parts of an ensemble that is Malioboro Street (Saraswati, 2020). Malioboro Street area is designated as a pedestrian area issued to regulate the area not to crowd and complicated stated in the Yogyakarta City Regional Regulation No. 2 Year 2010 on the Regional Spatial Plan (RTRW) of Yogyakarta City, article 80 (Saputro et al., 2022). In order to fulfill the purpose of pedestrian pathways which gives them prioritize to walk in the area and four aspects such as the thesis conceptual definitions:

1. Access

Create accessible pedestrianized spaces with open spaces by foot, but keep its support for the elderly and disabled people.

2. Aesthetic

An environment that brings pleasure to people that are developed to attract people to use it through excellent landscaping.

3. Safety and Security

Walkers must feel that they and their belongings are safe. It needs to give them an enjoyable and secure walk without thinking about being stolen or in an accident.

4. Comfort

The existence of shelter, drinking water facilities, and rest stops so that pedestrians are comforted along the walk without worry.

The operational definition is the way of measuring the variables that have been determined in the conceptual definition. Here are the operational definitions of this thesis:

Table 1.2 Operational Definition Research Variable

Variable		Indicator		Parameter
Access	1.	Accessible and	1.	The existence of a
		easy for pedestrians		wide pathway so
		to use the spaces by		people barely bump
		foot.		into each other along
	2.	Elderly and		with well-
		disability		maintained
		pedestrian		pathways.
		facilities.	2.	Symbols, signs, and
				other facilities for
				ordinary, elderly,
				and disabled people
				such as guiding
				blocks, and ramps.
				(Regional
				Regulation No. 2 of
				2021 Article 57
				section 4 (d) on the
				spatial plan for the
				city of Yogyakarta
				period 2021-2041)

Aesthetic	1. Permanent or	1) Statue, light pole,
	temporary art	etc to add an artsy
	installations.	impression.
	2. Green belt.	2) Greenery or flower
		to add a beautiful
		impression.
		(Regional
		Regulation No. 2 of
		2021 Article 51
		section 7(g) on the
		spatial plan for the
		city of Yogyakarta
		period 2021-2041)
Safety and	Secure and safe	2) CCTV and security
Security	pathway situation.	posts spread around
	2) Motorized vehicle	Malioboro Street.
	and bicycle space.	3) The existence of
		parking lot around
		the Malioboro
		Street.
		(Regional
		Regulation No. 2 of
		2019 Article 8

		Section 3(b) and
		Article 18(e)).
Comfort	1) People are	2) The existence of
	comfortable to	shelter along the
	walk with the	pathways, drinking
	facilities without	water facilities, chair
	distraction.	or facilities for
	2) PKL (Pedagang	people to seat and
	Kaki Lima) or	rest.
	Street Seller are	3) No street seller
	prohibited on	around the pathway
	pedestrian	and no people
	pathways.	gathered and seat
		fulfilling the
		pathway or in the
		way of pedestrian to
		walk.
		(Mayor Regulation
		No. 13 of 2022).

I. RESEARCH METHOD

1. Research Type

Qualitative methods are suitable for use in this thesis because qualitative researchers empathize and identify with the people they study in order to understand how those people see things and collect them as

descriptive data, people's own words, and records of people's behaviour (Theodoridis & Kraemer, 2016). To be specific, this thesis used qualitative methods with a phenomenologist approach. Both of them are related to this thesis because phenomenologists seek understanding through participant observation and interviews that also part of the qualitative method. As mentioned in the literature review about people's behaviour, in order to understand how people see things, qualitative research pointed out and classified them to study. Qualitative meaning with a phenomenological approach in this thesis by interviewing the main actors, namely pedestrians, the municipal government (*Dispar Kota Yogyakarta*, *Pemkot Kota Yogyakarta*, etc) who are the object of research as an answer to the problem formulation in this thesis.

2. Research Location

Malioboro Street is the icon of Yogyakarta City which people mostly visit during or even not during the holiday season. Through its heritage buildings, traditional stores, the traditional transportation such (as *dokar* and *bentor*) then nowadays it is developing modern in several aspects around the street serving as in the store, the building, and many more. On the other hand, through its spark, Jalan Malioboro is also part of a government facility that could not be separated for evaluation over time.

3. Type of Data

1) Primary Data

Primary data is real-time data that gather directly from the main sources namely the people who will be interviewed or the direct observation at the location where the thesis's object is taken.

Table 1.3 Operational Definition Research Variable

No	Primary Data	Data Source	Data Collection
			Techniques
1	Accessible	Yogyakarta	Interview + Secondary
	pedestrianized	Regional	Data (Regional
	spaces with open	Government	Regulation No. 2 of
	spaces by foot,	(Pemkot Kota	2021 Article 57 section 4
	that support for	Yogyakarta)	(d) on the spatial plan for
	the elderly and	• Pedestrians of	the city of Yogyakarta
	disabled people.	Malioboro	period 2021-2041)
		Street	
2	Aesthetic	• Environment	Interview + Secondary
	elements,	and Forestry	Data (Regional
	including the	Service of	Regulation No. 2 of
	greenery, beauty,	Yogyakarta	2021 Article 51 section
	and clean of the	City (DLHK	7(g) on the spatial plan
	streets that are	Kota	for the city of
	attract the people.	Yogyakarta)	Yogyakarta period 2021-
			2041)

		•	Pedestrians of	
			Malioboro	
			Street	
3	The secure of	•	Yogyakarta	Interview + Secondary
	pedestrian for		Regional	Data (Regional
	using the pathway		Government	Regulation No. 2 of
	around Malioboro		(Pemkot Kota	2019 Article 8 Section
	Street.		Yogyakarta)	3(b) and Article 18(e)).
		•	Pedestrians of	
			Malioboro	
			Street	
4	The comfort of	•	Yogyakarta	Interview + Secondary
	the people on		Regional	Data (Mayor Regulation
	Malioboro Street		Government	No. 13 of 2022).
	is one of the		(Pemkot Kota	
	references in the		Yogyakarta)	
	development as a	•	Technical	
	public facility that		Implementation	
	friendly and		Unit (UPT) of	
	comfortable for		Malioboro Area	
	pedestrians.		Management	
		•	Pedestrians of	
			Malioboro	
			Street	

2) Secondary Data

Previous or past data that has been collected or represented for research from other parties, usually in the form of news, reports, and online data such as along with online news published in official news sites such as electronic newspapers, work reports, reports, and publication on official websites as well as scientific journals that have been published through credible journal platforms such as google scholar, Taylor & Francis journal, etc that is credible and well-structured published data. In addition, the Yogyakarta city regional spatial plan (RTRW), regional regulation, and mayor regulation are on the government's official websites.

4. Data Organized Technique

This thesis used interviews as the technique of data gathering. The interview was conducted with several informants that are relevant to the thesis such as tourists and locals as pedestrians, Yogyakarta Regional Government (Pemkot Kota Yogyakarta), Environment and Forestry Service of Yogyakarta City (DLHK Kota Yogyakarta), Technical Implementation Unit (UPT) of Malioboro Area Management. Presented in the data table below:

Table 1.4 Table of Informant

No	Informant	Amount

1	Yogyakarta Regional Government (Pemkot Kota	2
	Yogyakarta)	
2	Environment and Forestry Service of Yogyakarta	1
	City (DLHK Kota Yogyakarta)	
3	Technical Implementation Unit (UPT) of	1
	Malioboro Area Management	
4	Pedestrian of Malioboro Street	8
	Total	12

The selection of the informants is also based on the book on the qualitative method above in the method section, published in the 4th edition by (Wiley, 2016) mentioned that interviewing as many subjects as necessary to discover what needs to be known because the greater the number of interviews the fewer informants of the informants needed to get enough data to write about, until we find the perspectives of the informants we are interested in. Selecting informants is indeed by their willingness and ability to talk about their experiences and articulate feelings relating to the subject of research. Thus, the informant is chosen as the data needed on the table and connected to the four variables on the primary data to assess and see which ideas or points tend to get more attention that can support the subject also by their willingness and ability to be interviewed along with their differentiated purpose of being there in the research location which is in Malioboro Street.

5. Data Analysis Technique

The technique for this thesis uses the interactive data analysis model by Miles & Huberman which can be done when the writer is in the location or after returning from the location of the thesis subject and then doing the analysis right after (Abdul, 2020). This technique has four stages, namely:

1) Data Collection

results of the interviews. The observations. documentation that have been conducted with the Yogyakarta Regional Tourism Department (Dispar Kota Yogyakarta), Yogyakarta Regional Government (Pemkot Kota Yogyakarta), Environment and Forestry Service of Yogyakarta City (DLHK Kota Yogyakarta), Government of DIY(Pemda DIY), **Technical** Implementation Unit (UPT) of Malioboro Area Management are recorded as data from the subject thesis location by the writer or the researchers as listeners and witnesses at the scene, as well as material for the next stage of research.

2) Data Reduction

In this stage, data is sorted out from the primary and secondary data to focus on solving thesis problems and arranged systematically under research problems so that it is easy to draw conclusions in evaluating policy for pedestrians on Malioboro Street.

3) Data Presentation

The presentation can be in writing or narrative, pictures, graphics, and tables based on the primary and secondary data that make it easier to stay focused on the information and data needed as material in evaluating pedestrian policy on Malioboro Street.

4) Conclusion Drawing

The data that has been processed is then drawn as the final conclusion. Conclusions are drawn and verified from the beginning to the end of the research or during the research. The conclusion also allows for new ideas or input for the Government of Yogyakarta and learning materials in the process of evaluating the policy of pedestrians on Malioboro Street.