**Data sources.**

* County Administrative board.
* Municipality.
* Governmental Agencies.
* Artportalen
* SLU – environmental monitoring.
* IPBES

Empirical questions: What are you really asking an what are the questions that you are asking and the things that you are asking in a document.

How it was collected. For how long time. What is the age? Metadata

Case into “the challenge”: What is the research question, What is the problem and what is something that you need to know about jarfalla. You need to know the case into the challenge. Data collectikn methods.

Desktop study, interviews, observations.

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| --- | --- | --- | --- | --- |
| AIM | SPECIFIC RQs | Analysis Method. | Empirical Questions | Data collection method. |
| RQ1. |  |  |  |  |
| Case into “the challenge” |  | How to analyze, Here you, use things like   * Resilient question. ( see how many options that people have, train and bus nonly, number of options and many other things. * Data analysis   Scanning through everything and what can be relevant, look from the literature. | Is it enough, it is too much | Desktop Study  Interviews  Observation |

Will you manage this.

* Sort / cluster,
* Framework
* Thematic analysis.
* Relationship.
* Abductive: you have a few things and then you continue to improve it through learning other new concepts.
* The **triangulation method** refers to the use of multiple perspectives, data sources, methods, or theories to cross-verify and validate research findings. It is commonly used in qualitative research but can also be applied in quantitative studies. The purpose of triangulation is to enhance the credibility, reliability, and validity of research results by ensuring that findings are not dependent on a single source, method, or perspective.

MOBILITY GROUP SCENARIO.

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| --- | --- | --- | --- | --- | --- |
| AIM | Research Questions (RQs) | Specific RQs | Analysis Method | Empirical Questions | Data collection method. |
|  | - What are the challenges of increasing PT use in Vijkra? | - Citizen experiences.  - Car dependency.  - Origin / Destination. |  |  | - Survey  *(Filter questions like (Do you want to use public transport: Yes /No)*  -Interviews.  -Case Studies |
|  | - What measures could be taken to increase the efficiency(environmental, operational, economic) within the PT in Jarfalla. | - Strategic measures?  - Innovation in transport modes? | - Feasibility Study |  | - Survey  - Interviews.  -Case Studies |

***RECOMMENDATIONS***

* Correlational analysis: address the relationship between negative and positive relationship two variables, between gender and the rate of using public transportation system. For part of our questions, we could consider using this. It is really quantitative.
* Different types: Pearson correlational analysis: You can be able to do this in excel and there are functions that can help you to do this quickly.
* Avoid asking people to explain. Most people prefer to tick and not to write.
* Gap analysis: Discrepancies between different sources of data. Lets say in your literature it says one thing and in the municipality or the ethics and standards say another thinking.
* How to deal with the popular science. Next week, submission of draft 29/10 by 17h
* Next meeting 5/11 progress seminar for the project work.
* Oral presentation, PowerPoint Presentation.