

# Data Processing

## Desk research

A desk research it's a way to utilize existing information and data that has already been collected by others. Desk research may also be referred to as a literature review, but it is actually not quite the same. Literature research is focused on acquiring theoretical knowledge about a concept or topic, whereas desk research is used to gather facts and existing research data that help to answer your research question.

You don't collect data, in desk researches you actually review previous research.

I just looked up for articles, blogs, videos and images on internet. Read/watch them and then decide if they were relevant or not to my research.

If they were, I would save them in the download material folder and describe the article/blog in the doc. Document.

The topic I choose was "**Lego used in the context of children's learning**".

I found really interesting the "Top 10 and Curiosity" type of website, I think they're really effective in making you remember their article's content.

After this desk research I now know that LEGO has its own learning campaign for children, called **LEGO education**.

I didn't realize how much a child can actually learn just by playing and messing around with LEGOs.

They really stimulate their mind and gives them their first science and architectural experiences.

## Observation

Observation method consist in actually you physically going into a specific situation to collect data by looking at the situation itself.

I went into the bus stop next to my dorm, sat there for about 50 minutes.

I saw some pretty interesting things:



The old man on the left was already at the bus stop when I arrived.

Lots of buses came but he did get into any of them.

I don't think he was really waiting for any bus.

In fact he walked away from the bus stop after good 40 minutes.

He surely wasn't new to that area, more than one person came by and talked to him.



After just 5 minutes the bus stop was full of people waiting for their bus.

You can find lots variety of people, from a young mom with her child to a casual man probably on his way home after work.



As soon as the bus arrived everybody immediately ran to the door and quickly got into it.

Maybe say hi to the driver, scan the ticket and go find the closest free seat, that's what everybody does.



After 40 minutes the bus stop is almost empty, this guy is waiting for his ride alone, he can't stop looking at his phone.

Facebook is a good way to kill time.

## Interview

Interview with B, big football fan.

Me: Let's get to know each other a little more.

B: Sounds good.

Me: I want to talk about your hobbies/interest you have.

B: I'm a big football fan.

Me: Big football fan! Wow.

\*pours water into glasses\*

Me: Let's break the ice 😊

Me: So how did this hobby start?

B: It probably started when I was playing with my friends in school at lunch time when I was a kid. It grew from there. When I was older, I wanted to join a club with my friends so I could play with them.

Play matches on Sunday and do something. Get some activity in during the week.

Me: Nice! So, you've been playing since you were a little kid.

B: Yeah, that's right.

Me: How old were you when you first started?

B: I probably was about 7 years old. I didn't join a club till I was 10.

Me: why?

B: Mom was a bit scared of travelling far distances on the weekends but she got over it.

Me: Is that because the games are always far away from your hometown?

B: Yes, that's why. But luckily, we had friends that helped us out.

The interview is a method to collect data by straight talking to the person.

It can be informal, like a face to face chat with a friend. Or formal, when it gets more serious, maybe when you're interviewing an important person.

For my interview I wrote down the main points and topics I wanted to cover with my interviewer.

I found out that if you have good questions the interviewer will more likely open up to you and even talk about his personal stories.

- Be confident when asking questions.
- Make the interviewer feel comfortable.
- Pay attention to what they say.
- Be interested.
- Don't be rude, they don't HAVE to answer your question if they don't want to.

*"Have your family always supported you?"*

*"Absolutely, that's the best thing about my mom, she lets me do anything I want."*

## Survey

I think if you need to get statistics about a specific topic you would probably want to do a survey.

Even if lots of people answer your survey it will still be easy to compare the different data.

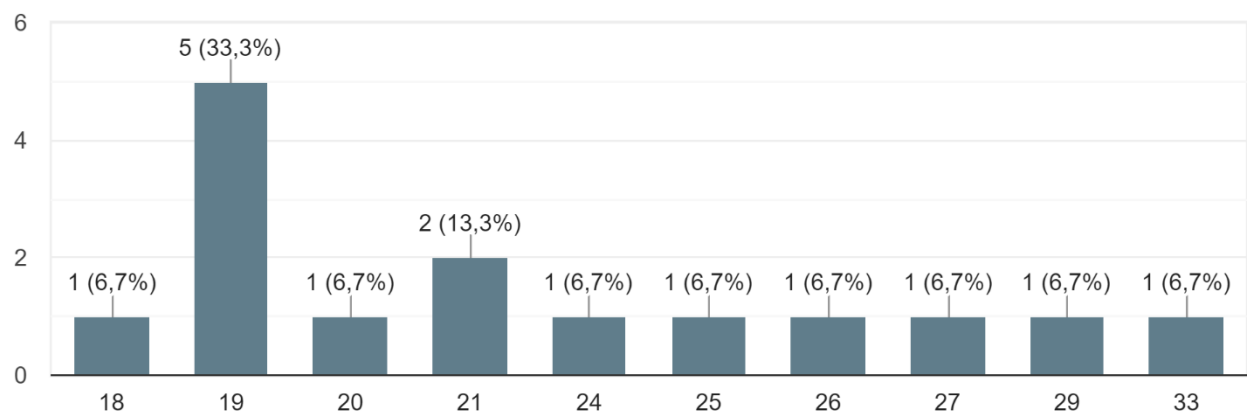
The questions are the same for everybody, that's why It's so easy to compare them to each other.

It's a fun way to collect data, even for who is actually doing the survey.

Lana (my team mate) and I made a survey about the **Accommodation in Denmark**, that survey will help us accumulate data about the current situation and conditions of finding accommodation as an international student in Denmark.

### Your age:

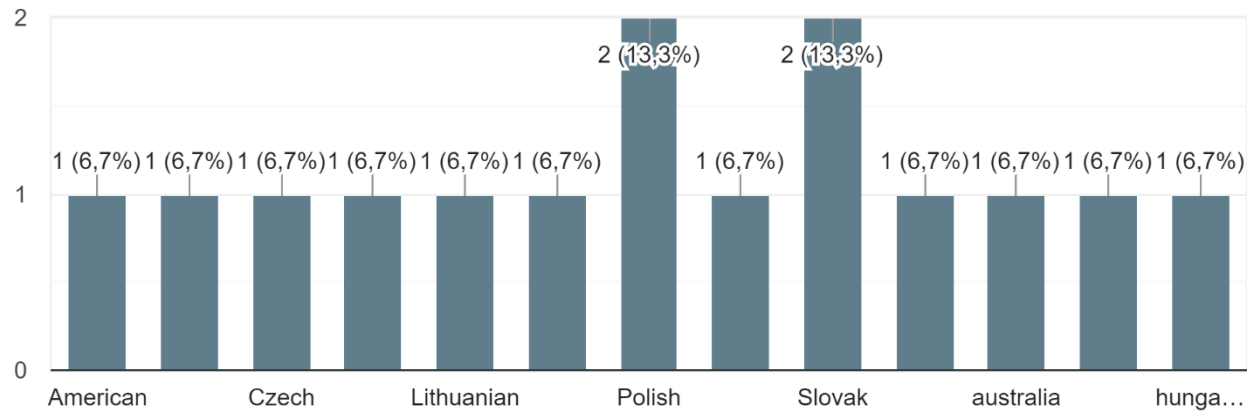
15 risposte



Most of the international student looking for an accommodation are really young (from 19 to 21 years old).

## Nationality:

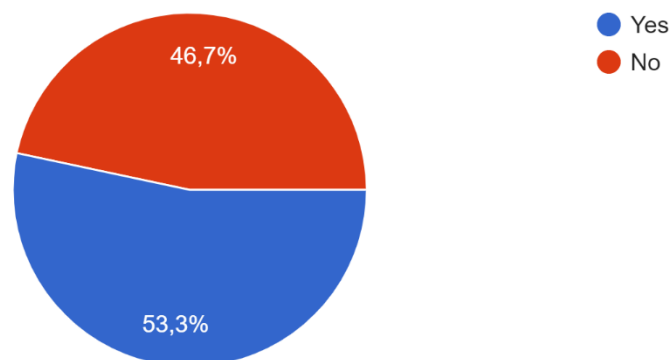
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Students from literally **all over the world** are looking for an accommodation in Denmark.

## Are you employed?

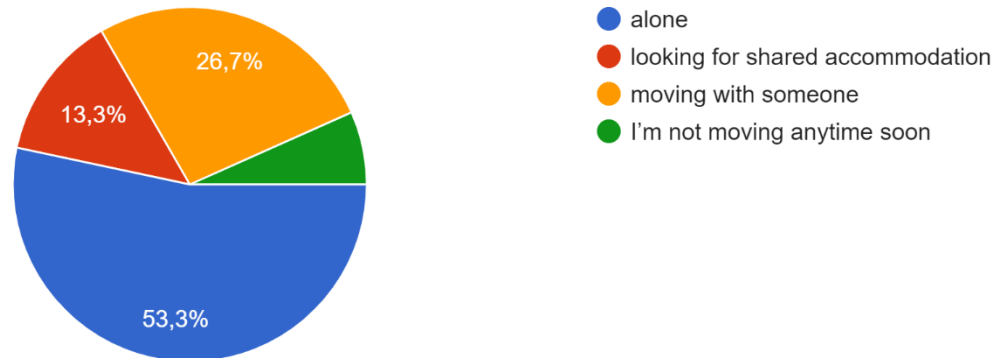
15 risposte



More than a half of them are already employed, this surprise me.

## Are you moving alone or with a roommate/roommates?

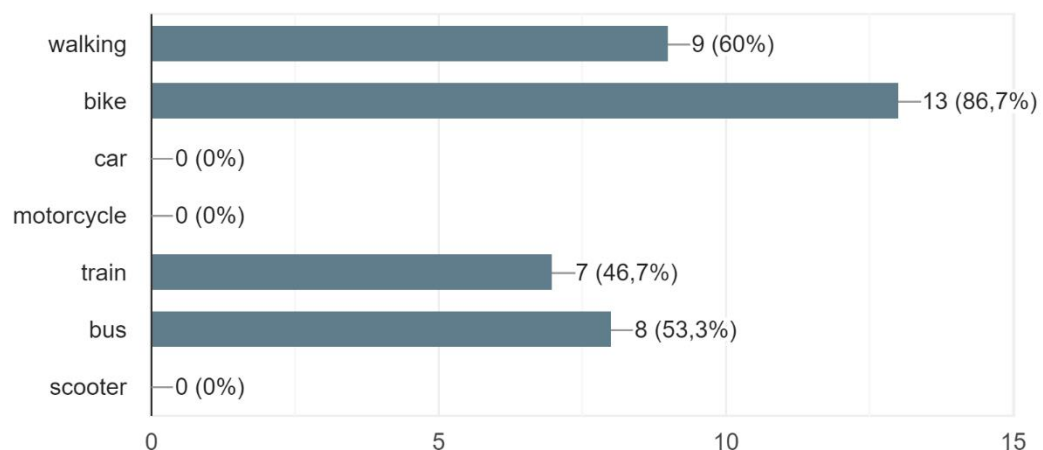
15 risposte



Most students are trying to find a place to stay by their self, alone.  
However, a quarter of them are moving with someone instead.

## What kind of transportation do you use?

15 risposte



This is the perfect graph for students: we don't have a car, motorcycle or scooter.  
We just bike and walk everywhere!

# 03.01.01f

Present research and analysis insights





# Desktop

The topic for my desk research was “Lego used in the context of children’s learning”.

I didn’t know anything about that specific topic but I love lego, that’s why I choose it.

I actually learned a lot from this research, did you know that LEGO had its own learning campaign for children?

Me neither! It’s called LEGO education.

## Insights

- Easy research because you collect already existing information.
- Found out that “Top 10 and Curiosity” type of website are pretty fun.
- You get a wide variety of information from different articles/blogs.





# Observation

Observation was fun and creepy at the same time.

I had to sit on a bus stop for 50 minutes watching people taking their bus.

It's amazing how people can act differently but at the same time act in the same way when they are in a similar situation.

People need to be more polite, nobody says hi to the bus driver.





# Observation



This man was there with me for almost the entire time.

Lots of buses came but he didn't go.

I think he wasn't waiting for a bus at all.

But he looked really friendly, he was talking to everybody.

Hope he had a nice day.



# Interview

In the interview with B about his hobbies/interests I realize the real power of an interview.

If you do it the right way you can make the interviewer talk about whatever you want.

I had an amazing chat with B, everything was fluent and, most important thing, he was really comfortable when talking to me. It's probably because I poured water into his glass.

## Insights

- Be confident when asking questions.
- Make the interviewer feel comfortable.
- Pay attention to what they say.
- Show interest.
- Just have a chat!



# Survey

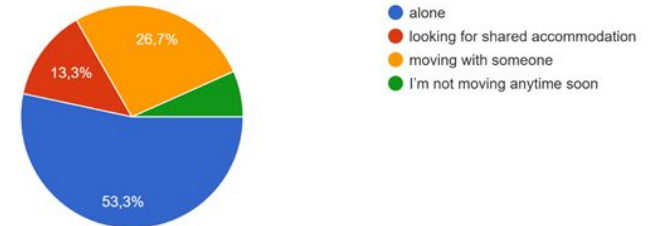
Me and my classmate Lana made a survey about the Accomodation in Denmark Challenge as an International Student.

I liked sharing it with my international friends, we got lots of different informations.

With surveys you can immediately see how everybody has his own interests and goals.

Are you moving alone or with a roommate/roommates?

15 risposte

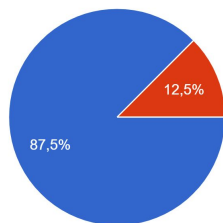




# Survey

Have you found accommodation?

16 risposte



● Yes  
● No

There are still some international students that have not found an accommodation yet.

This surprise me.

Can someone help these guys out?