



# JOHANNA BLOM



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github.com/idsintehittapa/data-i-guess



idsintehittapa.github.io

## ABOUT ME

- I like to ponder on and fix problems
- I like getting to know data and peak into their told and untold stories
- I like to analyze how data collection color the results we get
- I like to visualize data to better communicate their stories

## SKILLS

Data analysis R Python SQL  
SPSS Data Visualization Git  
Project management

## EXPERIENCE

### Research Assistant and Educational Coordinator (2017 – present)

KTH, ITM

Responsible for course management and supporting educators in facilitating teaching, and as a research assistant primary responsibilities include planning, conducting, and analyzing research.

Both roles require strong organizational, analytical, and communication skills. A combination of long term project planning and innovative problem-solving skills for unexpected problems are part of day-to-day activities. As a research assistant, I use data analysis tools and frameworks in SPSS and python (pandas, numpy, etc.) to clean, manipulate, quality control and analyze the data. My background in sociology is valuable in interpreting both quantitative and qualitative data.

### Coordinator (2014 – 2017)

KTH, ECE

Responsible for coordinating, planning and managing MOOC courses with more than 5000 students/year.

### Administrator (2010 – 2014)

KTH, ECE

Course administration and student guidance counsellor related to MOOC courses.

## EDUCATION

### Data Analyst with Python

2019– present: Career track at DataCamp

Courses in: data science, programming, SQL, data cleaning and manipulation, statistical thinking, and visualization.

### M.S. Sociology

2015-2017: Stockholm University

Courses in: quantitative and qualitative research methods, research ethics, sociological theories, network analysis, and demography.

# CERTIFICATES

2019 – Introduction to R  
DataCamp

2019 – Data visualization with GGLOT2  
DataCamp

2018 – Data8.1x: Foundation of data science: Computational thinking with python  
University of California, Berkeley

2018 – Data8.2x: Foundation of data science: Inferential thinking by resampling  
University of California, Berkeley

# PROJECTS

## “STEM, ‘STEM’, ‘STEAM’”

A literature review study examining the definition of STEM in STEM education K-12  
An independent collaboration together with PhD candidate Andrew Doyle

## To be a student in technical higher education

Paper to be presented at *PATT-38: Technology in our hands. Creative pedagogy and ambitious teacher education*, 27-30<sup>th</sup> April 2020, Turku, Finland: Pupils' Attitudes towards Technology (PATT)  
A collaboration together with associate professor Susanne Engström, KTH

## Data-i-guess

Personal project

At my webpage: I explore and visualize open available data that I find interesting or funny

At my GitHub page: I share the generated code related to my visualizations

Fun review of my work: *Matplotlib; "Grim topic expertly visualized by @idsintehittapa ..."*