

DAT300/DIT615

Lecture 2: Choosing projects

Course Representatives

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-
- Talk to them if there are any problems
 - Then we will have a midterm meeting, and a final meeting.
 - (please see us in the break / project discussions for questions)

Academic Honesty (do not plagiarize!)

- In the course we will use URKUND, to make sure the text you write is **your own**, in **your own words** and with **your structure**.
- You can read more about academic integrity and honesty at
 - <https://student.portal.chalmers.se/en/chalmersstudie/s/joint-rules-and-directives/Pages/Academic-integrity-honesty.aspx>
- Read the PDF(!)

Academic Honesty

- https://student.portal.chalmers.se/en/chalmersstudies/joint-rules-and-directives/Documents/20090920_Academic_Honesty.pdf

Example 1. Original Text

The ports handling the largest amount of goods during the fourth quarter of 2008 were the port of Gothenburg with 11.0 million tons, followed by Brofjorden Preemraff with 5.5 million tons and in third place, Trelleborg with 2.7 million tons. The above three ports accounted for approx. two-fifths of the total goods handled by Swedish ports. The ports of Helsingborg and Stockholm accounted for the bulk of passenger traffic with 2.3 million and 2.1 million passengers, respectively.

Source: Statens institut för kommunikationsanalys (2009) *Sjötrafik 2008 kvartal 4*. (SIKA Statistik Sjöfart 2009:5) http://www.sika-institute.se/Doclib/2009/Statistik/ss_2009_5.pdf (2009-02-28)

Example of Plagiarism

The port that handled the largest amount of goods in 2008 was the Port of Gothenburg with 11.0 million tons. The Ports of Helsingborg and Stockholm accounted for the majority of passengers with 2.3 and 2.1 million, respectively (Swedish Institute for Transport and Communications Analysis, 2009).

Example of Correct Version of Text

There are several differences between Gothenburg and Stockholm as port cities. According to the Swedish Institute for Transport and Communications Analysis (2009), Stockholm is a larger port city in terms of passenger traffic, while Gothenburg is the port city that processes the largest amount of goods. However, the top port in terms of passenger traffic is Helsingborg.

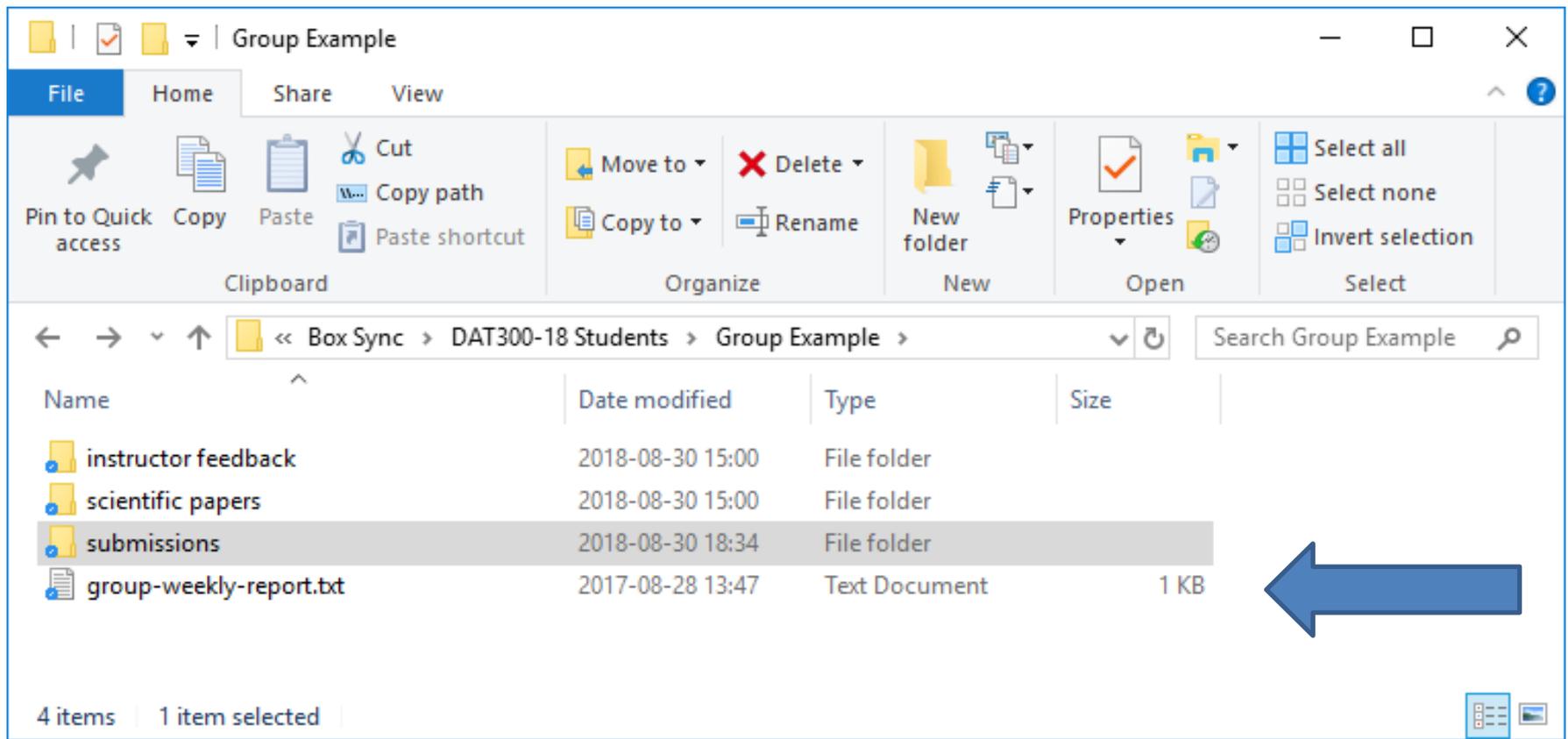
To gain a better understanding of the port cities of Sweden, the statistics should be analyzed according to the types of goods handled and in terms of the different time periods involved.

Comment

The above sentences are almost copy cats of the originals. Excessive borrowing of the structure of a text may also result in plagiarism. Even if you cite your source, do not produce a text that is identical to

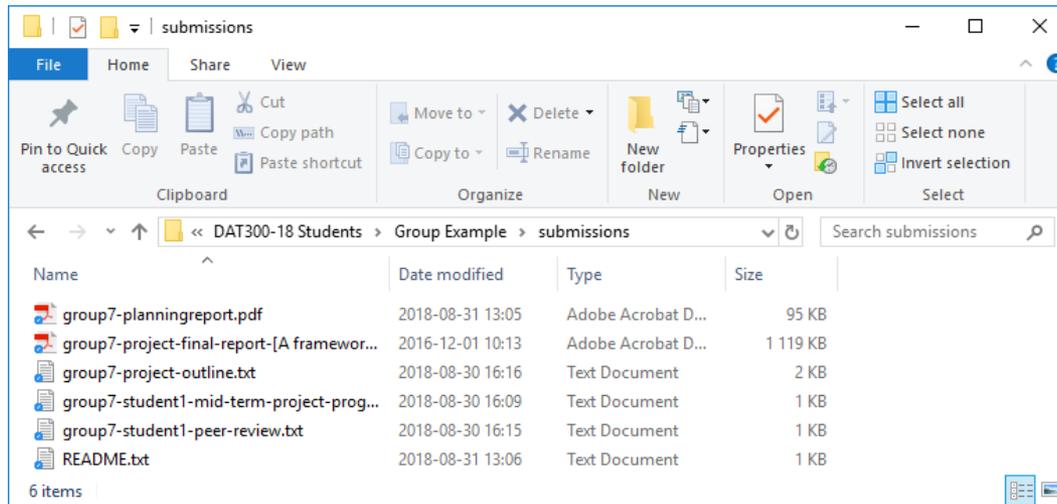
Comment

The purpose of the above text, comparing Gothenburg and Stockholm as port cities, guided the way the information contained in the source was used. The author does not use the original wording but only makes use of



Planning Report

- Go to [box.com](https://www.box.com)
- Look in the Group Example
- This is how we would like you to create the directory
- Read the files, README, and look at the examples.



Submissions

- README
 - Put your **group** submission here, and submit it online: <https://goo.gl/7K8iqD>
 - If an **individual** submission, only use the online link.

List of deadlines

- Projects
 - W1 Choose group + project
 - W2 Planning report + list of supporting papers (schedule, resources, goals)
 - W4 **(individually)** 1--2 pages: project + reflections; (team) outline of report
 - W5 **(individually)** 2 pages: peer-review
 - end Successfully complete project
 - Written report **DEMO** presentation

Lectures obligatory: Be on time or let us know!

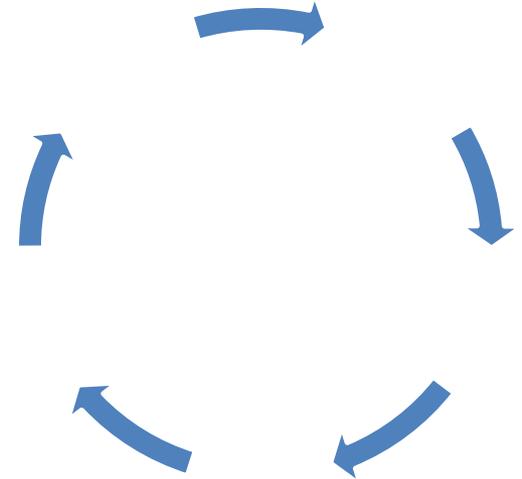
Deadlines W1

- Form a group and
 - 1. Name it:** make a short name (less than 8 letters?)
 - 2. Box:** claim one directory in box.com
 - *Topic 1 DroneNavigation*
 - 3. Progress report**
 - add in your progress report what problem you are going to solve and why it is important.
 - discuss “effort level” and add this to your progress report
 - 4. Slack:** open a new (open) channel in slack
 - *Topic 1 DroneNavigation*
 - invite Marina/Magnus to channel together with team mates
 - each team member state their “effort level” (by themselves)

Deadlines W2

- Submit a workplan + supporting scientific papers.
 - See example of a planning report
 - Scientific papers
 - Talk to us / project initiator
 - Should support your work
 - And have certain quality (length, theory, etc)
 - Number depends a bit on group size

Workplan



- Core idea
- Motivation
- Objectives
- Scientific challenges & how you will address them
- Timeline
 - Weekly basis;
 - Concrete measurable objective milestones for <project, report>
- Risk Analysis: What if something goes wrong?

- Project Week 3
 - We will work on the related work section of the report
 - We will familiarize ourselves with the tools needed for the project: Snort and Bro
- Project Week 3
 - We will finish a mature draft of the related work, having all the papers and ready to share with another group for feedback.
 - We will run through all demo examples, and make sure all members can use the tool. One person will have read the full documentation.

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Projects

1. It should be your project.

We give you the seed idea for the project, and then approve the planning report but you should develop the idea.

2. Learning counts

In some of your individual submissions we will ask about your reflections about what you learned in the course, i.e. it is ok to take a challenging subject.

3. Prerequisites

... but think about prerequisites and if you have the courses (if any) to support your work.

Potential Groups

	2018:1	2018:2	2018:3	2018:4	2018:5	2018:6	2018:7	2018:8	2018:9	2018:10	2018:11	2018:12	2018:13	2018:14
Viren Nadkarni	OK		OK											
David Ström			OK											
Benedikt Sigurleifsson			OK											
Carl von Rosen Johansson				OK	OK		OK			OK				
Razan Ghzouli		OK						OK		OK				
Romain Maximilien			OK	OK		OK	OK			OK				
Alexander Mosshammer										OK				OK
Rabea de Groot				OK		OK	OK	OK	OK	OK	OK			
Tsigabu M Birhanu	OK													

- Group 1 (2018:1)
 - V NadKarni
 - T M Birhanu
- Group 2 (2018:3)
 - D Ström
 - B Sigurleifsson
- Group 3 (2018:8)
 - R Ghzouli
 - Rd Groot
- Group 4 (2018:10)
 - CvR Johansson
 - R Maximilien
 - A Mosshammer