



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Wind of Shenzhen: Data Paintings © Refik Anadol

Assignment 1 : Introduction

Worth 2% of cs7ds4

Deadline 27/09/2023
@ 23:59hrs

Required Reading

Slides for Lectures 1 and 2 of this Module

Chapter 1 of Visualization Analysis and Design. Munzner (2014).

- ♦ Chapter 1 is available free at links below

- ♦ <https://books.google.ie/books?id=dznSBQAAQBAJ> [Click on “PREVIEW THIS BOOK >>”]

Chapter 1 of Designing Data Visualizations. Illinski & Steele (2011)

- ♦ Ch1 is available free at following link:

- ♦ <https://www.oreilly.com/library/view/designing-data-visualizations/9781449314774/ch01.html>

Assignment Specification

Submit through Blackboard [<https://mymodule.tcd.ie> under cs7ds4-202324 Data Visualisation → Assignment 1]

This brief assignment comprises 2% of the module mark. You are expected to spend up to 2 hours outside of class on it.

Submit a PDF document of max 2 pages, answering the following questions (you may base your answer on the readings in the previous slide OR other sources):

- ◆ Have you ever created a visualization of data, however small?
 - ◆ IF SO: Describe the data and the tools you used and the purpose of the visualization. Provide an image if you have one.
 - ◆ IF NOT: Find an interesting visualization (e.g., on the web) and describe the data and what you think is its purpose
- ◆ Is the visualization Explanatory or Exploratory? Discuss why you think so.
- ◆ In the example above, what are some of the reasons for why visualization might be required or beneficial? Could the objective/purpose be achieved without visualization (for instance simply by looking at the data directly, by a text description or by an automated process)?

Feel free to include images. Provide references to any relevant 3rd party sources (images, information). This must be included in the page limit.

This is an INDIVIDUAL ASSIGNMENT intended to gauge your previous experience and encourage reading of the relevant materials, and expression of your individual opinion. Therefore, you may not collaborate nor use AI tools such as ChatGPT.

Required format / information

You should submit a PDF of MAX 2 pages in length (in standard 10-12pt font)

Your submission MUST include the following information

- ♦ CS7DS4 / CSU44065 Data Visualization 2023-24
- ♦ Assignment 1
- ♦ Student Name : *<your name>*
- ♦ Student No: *<your student number>*
- ♦ Declaration:

"I have read and I understand the plagiarism provisions in the General Regulations of the University Calendar for the current year, found at <http://www.tcd.ie/calendar>.

I have also completed the Online Tutorial on avoiding plagiarism 'Ready Steady Write', located at <http://tcd-ie.libguides.com/plagiarism/ready-steady-write>."

To expediate processing, include your name in the title e.g., A1_SurnameFirstname.pdf

Assessment Policy

If contacting me by Email: John.Dingliana@tcd.ie; Please include the module code 'cs7ds4' or 'csu44056' in the subject header to ensure it is seen

Do NOT submit Assignments by Email

Late submission:

- ✦ In this module, for all assignments, unless stated otherwise in writing, a **10% penalty** applies for each day late up to a maximum of 6 days. After this, the mark will be capped at 40%.
- ✦ No further submissions will be accepted after 31/12/2023 – the grade will be returned as 0 after this date.
- ✦ If you submit after the deadline, you should Email me to let me know that a submission has been made.
- ✦ There will be a grace period of 2 hours after the deadline for potential accidental/technical issues. Thus, there is no need to email me if you are just a few minutes late

Extensions (for exceptional circumstances): Submit a request for extension by Email **before the deadline** providing reasons and any relevant documentary evidence of exceptional circumstances

Querying grades/feedback: Email me so that I can refer to your submission and respond in due course. It's a large class, thus I won't necessarily be able to discuss specifics in the classroom.