

CS 5346 Information Visualization

Assignment 2

Visualization in Tableau

GENERAL INSTRUCTIONS

- Deadline: **Thursday 7 March, 11:59pm**. Note, actual work will need to be carried out on **Monday 4 March**.
- Deliverable: Fill up the google form with the necessary information (Name, matric no., URL of your Tableau viz, viz description) and submit it. You can find link of Google form in Section 2.3 in this document.
- Assignment Type: **Individual**
- Marks: 5
- Assessment Criteria: You shall get 3/5 for completing the assignment successfully. That is, if it is timely, correct (truly represent the insight that you claim you have derived) and self-explanatory (as in the popular saying - A picture tells thousands of words).
You can expect to get 3+ if you have appropriate visual encoding, are creative - meaning, if you can find novel/interesting analytic questions or novel/interesting visualization (in tableau) or perhaps both

1. Installing Tableau (version 2019.1)

- Follow IVLE announcement dated 14 Feb and install Tableau.
- If you already had a copy of tableau Desktop (version 2019.1) installation which was not activated (i.e. Trial version), go to the 'Manage Product Key' under the 'Help' tab. Click 'Activate'. Enter the new product key and activate your tableau installation.

2. Assignment Description

This assignment requires you to use a dataset posted on Monday March 4 at [MakeOverMonday](#). You are encouraged to attempt for the dataset posted on Monday Feb 25 as practice.

2.1 Dataset:

Go to [MakeOverMonday](#) and download the data for Monday **March 4**. You should be redirected to a page from where you can download the data.

2.2 Create the Viz in Tableau

- Load the data in tableau. Do data preprocessing in tableau if necessary. Try to find around 3-4 analytic questions. Prepare tableau ‘visualizations’ where you answer those questions clearly and correctly. These visualizations will form a workbook which you will upload.
- Upload your workbook in your [Tableau Public](#) profile (you can do that from your tableau desktop, but you have to create a tableau public account before you do so).
- Explicitly mention (in the form of a title) the analytic question which you tried to answer in each of the visualizations.
- Note down the URL of your dashboard in Tableau Public.
- Write a short ‘viz description’ for your visualizations. Description could include, but not limited to, visual encoding, reason for specific charts choices or use of any specific/interesting Tableau features.

2.3 Submit your viz:

You need to complete the google form [here](#) and submit it by the deadline **Thursday 7 March, 11:59pm**. Note that, you can submit the form only once.

3 Queries

Send your queries to CS5346.tutor@gmail.com