

Homework 5

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ILS-Z 637 Information Visualization

'With Whom' Trees Visualization – Approach

This document provides the essential information about the 'With Whom' Trees visualization which I have made. Visualizations can be found [here](#).

The above visualization is based on the dataset provided in the homework description in [Canvas](#).

The Process:

1. I used tableau to generate 4 visualizations. Details of each can be found with visualization.
2. I chose following features from the data using Microsoft excel:
chapter, title, mort-total-US04, mort-male-US04, mort-female-US04
I ignored or removed the null values in order to create graphs.
3. Firstly, I created a bar graph with three types of bars which tell about the deaths caused by Diseases in the year 2004.
4. Then I created a box plot series displaying information deaths caused Chapter wise for the year 2004. Each dot in the box plot denoted the deaths by disease for each Chapter.
5. Lastly, I created two treemaps for each gender displaying numbers of deaths caused by each disease with associated Chapter, arranged in descending order.