

Group 17 : Global Trends in Dietary Components

Problem

Food and dietary components are more and more important in our daily lives. In this project, we will use the dataset from UN Food and Agriculture Organization (FAO) to analyze global trends in dietary components. This allows us to see what we eat everyday and how does the trend change over the years.

Dataset

UN Food and Agriculture Organization (FAO) dataset (<http://www.fao.org/faostat/en/#data>)
FAO provides open datasets for various aspects of food and agriculture. Our project will mainly focus on the food consumption from 1961 to 2013.

Proposed Solution and Real World Application

Since we need to analyze the global diet compositions and one of the variables is country, we will use *pyecharts* to plot points on the world map. The dataset contains information about food balance and production from 1961 to 2013, thus statistical tools like cumulative frequency polygon and line charts are necessary.

Project Step

Step	Estimated completion time	Person(s) in charge
1. Extracting and cleaning up data	Two weeks	Sihan Wang Ke Liu
2. Data visualization (to obtain data statistics in different time periods)	Two weeks	Tao Liang Chenfeng Wu
3. Data analysis on data we selected	One week	All

Github Link

<https://github.com/Crystalshwang/Global-Trends-in-Dietary-Components>