

下发日期: week 10, 2023.05.07

提交日期: 23:59 pm, week 16, 2023.06.11

总分值: 25

提交邮箱: data\_visualization@yeah.net

**任务说明:** 爬取或下载网络相关数据, 如城市交通数据、社交网络(微博)数据、论文数据等。也可以使用已有各研究领域数据, 可以是任何感兴趣的领域, 如医学研究、生态环境、人工智能、材料工程、物理测量等。

参考数据集网站 Kaggle: <https://www.kaggle.com/>

**提交说明:** 可以使用已有可视化软件工具(如, D3, Gephi, Python Toolbox), 建议持有交互功能, 推荐录制短视频并提交, 提交核心代码和可视化结果图或视频, 并对可视化过程和结果进行阐述和分析(pdf文档)。

(English)

**Handout:** week 10, 2023.05.076

**Due:** 23:59 pm, week 16, 2023.06.11

**Total points:** 25

**Send to Email:** data\_visualization@yeah.net

**Task:** Crawl or download data from the internet, such as city traffic data, social network (Weibo) data, and academic paper data. Existing data from various research fields can also be used, in any area of interest, such as medical research, ecological environment, artificial intelligence, material engineering, physics measurement, etc.

Reference dataset website (Kaggle): <https://www.kaggle.com/>

**Submission:** Existing visualization software tools can be used (such as D3, Gephi, Python Toolbox), with interactive features recommended. It is suggested to record a short video and submit it, along with core code and visualized results or videos, and provide explanation and analysis of the visualization process and results (in PDF document).