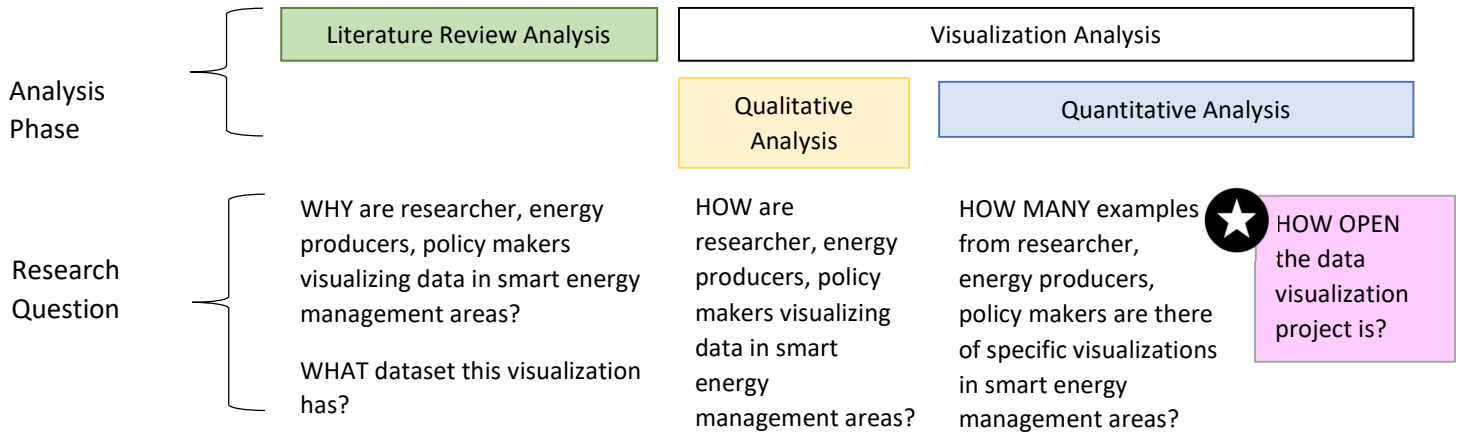


Methodology and Application Overview of Energy Visualization Gallery in (Smart) Energy Management Areas¹

A General Methodology



B Application for Method to Energy Visualization Gallery in (Smart) Energy Management Areas

Literature Review Analysis Steps Text mining approach to identify such topics & help to find clustered concepts visualization techniques used in smart energy management areas

The Objective Across many topics from the four energy environment: supply and demand based on (Zhou, Fu, & Yang, 2016) research articles, we should describe and quantify the different kinds of visualization used in smart energy management topics areas (Listed at Table 1)

Visualization Analysis Steps

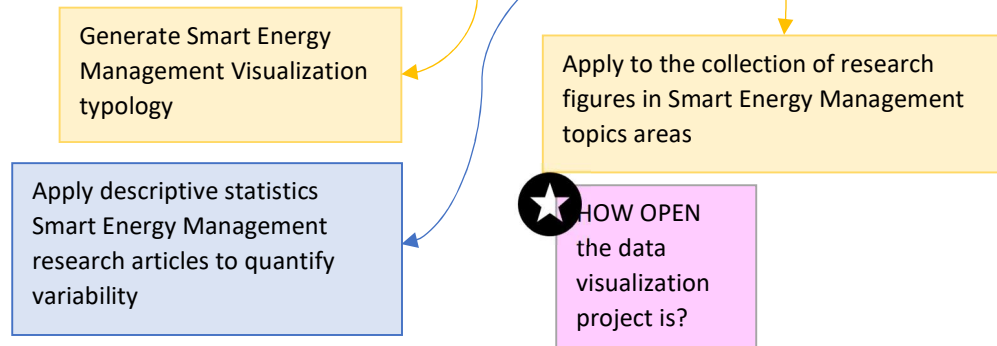


Figure 1. Methodology and Application for developing Smart Energy Management Visualization Typology

Reference

- Crisan, A., Gardy, J. L., & Munzner, T. (2019). A systematic method for surveying data visualizations and a resulting genomic epidemiology visualization typology: GEViT. *Bioinformatics*, 35(10), 1668–1676. <https://doi.org/10.1093/bioinformatics/bty832>
- Zhou, K., Fu, C., & Yang, S. (2016). Big data driven smart energy management: From big data to big insights. *Renewable and Sustainable Energy Reviews*. <https://doi.org/10.1016/j.rser.2015.11.050>

¹ inspired by GEViT from (Crisan, Gardy, & Munzner, 2019), the project can be seen at <http://gevit.net/> and <https://github.com/amcrisan/gevitAnalysisRelease>