

Lesson 15 Clustering with k -means

Goals for Today

- Introduce and talk about unsupervised learning methods
- Talk about clustering and go over k -means clustering approaches/visualizations.

Readings for Today

Required

- Mishra, [Unsupervised Learning and Data Clustering](#)
- GeeksForgeeks.org, [K-Means Clustering in R Programming](#)
- Shraddha Shukla and Naganna S., [A Review On K-means Data Clustering Approach](#), *International Journal of Information & Computation Technology*. Volume 4, Number 17 (2014), pp. 1847-1860

Optional

- [Video - Unsupervised Learning: Crash Course AI](<https://www.youtube.com/watch?v=JnnaDNNb380>)
- Video - [K-Means Cluster Analysis in R](#)

Important Links and Files

- The file we worked on in class is available [here](#)