Week 7 Deliverables

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- Country   United Kingdom

- College   University of Liverpool

- Specialization   Data Science

Problem description

Requires to implement various clustering algorithms using the Python programming language and apply them to cluster a given dataset. The purpose of this project is to assess the understanding of various clustering algorithms by implementing the algorithms and applying them to text clustering.

Business understanding

Implementing the k-means, k-means ++ clustering algorithm and Bisecting k-Means hierarchical clustering algorithm, and implementation of initial cluster representatives randomly.

Data Intake report

Name: Week 7, Project

Report date: 25.04.2023

Internship Batch: LISUM19

Data intake by : Manoj Nagaraja

Github Repo link :   https://github.com/ManojN7270/Final-Project-week_7-to-week_13.git

Tabular data details:

File name	Nature_Data
Total number of observations	25641
Total number of files	1
Total number of features	5
Base format of the file	.csv
Size of the data	20.1 MB