

REPORT UNTILL NOW

As we were assigned the project 7(Incremental Clustering), we first went through the project thouruoghly, the project demanded us to understand the paper, Implement the algorithms mentioned in the paper and make a web blog.

1. Read the paper given as the project.
2. Understood the meaning of Incremental Clustering (BasicallyWe do not give the whole dataset at once, what happpens is new data points keep on being added one by one and the clustering is done simultaneously)
3. Under the incremental clustering section the paper had three algorithms
 - Sequential K Means
 - Sequential Agglomerative Clustering
 - Sequential Nearest Neighbours
4. We first implemented the Sequential K Means algorithm given in the paper, we also reffered Princeton Universitiy's html page for this.
5. After this we implemented the sequential Agglomerative clustering given in the paper.
6. Along with the Sequential nearest neighbours (We will implement this algorithm today)
7. For the blog part for now we have exported the html file from Notion, but we will try implementing it via a react app, or any other suggestions that you have.