**### COMP257 | Assignment3: Hierachical Clustering**

**#### Author: Youung Park | ID: 301200413**

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Euclidean

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Manhattan

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Cosine Similarity

Manhattan seems to be performing the best when n\_cluster=40. Euclidean seems to be performing the best when n\_cluster=38. Cosine Similarity shows negative score graph, which means not good.

Where there is high dimensionality in the data, Manhattan distance usually performs better than Euclidean distance. Cosine similarity is used to find the amount of similarity between two data points.

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