PRESENTATION OUTLINE : Performance Comparison of Centroid Based Clustering Algorithms

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1 Introduction

- Introduction to the project (1 slide)

2 K-means Clustering algorithm

- Brief introduction about Algorithm (2-3 slide)

3 About Distance Metric used in K-means Algorithm

- Illustration of distance metric (4 slide)

4 New Approach to K-means i.e. K-means++

- Discuss the K-means++ technique (5 slide)

5 Need of Parallelism

- Why we need parallelism? (6 slide)

6 Parallelise the K-means using MPI

- About MPI framework(7 slide)
- Discuss the Parallel K-means (8-9 slide)

7 Performance metric (Sum of Squared Errors)

- About Performance metric (10-11 slide)

8 Result and Discussion

- Comparison of results (12-13 slide)

9   Conclusion

- Conclusion (14 slide)