

## km::KMeansCUDA

- int k
  - std::vector< Point > points
  - std::vector< Point > centroids
  - int number\_of\_iterations
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- + KMeansCUDA(const int &k, const std::vector< Point > &points)
  - + void run()
  - + void printClusters() const
  - + void plotClusters()
  - + auto getPoints() -> std::vector< Point >
  - + auto getCentroids() -> std::vector< Point >
  - + auto getIterations() -> int