

km::KMeansBase

int k

std::vector< Point
> points

std::vector< Point
> centroids

int number_of_iterations

+ KMeansBase(const int
&k, const std::vector
< Point > &points)

+ KMeansBase(const int &k)

+ virtual ~KMeansBase
()=default

+ virtual void run()=0

+ auto getPoints() const
-> std::vector< Point >

+ auto getCentroids()
const -> std::vector
< Point >

+ auto getIterations
() const -> int