# **Stats-Quest**

## **K-Means Clustering Algorithm**

Chart, diagram

Description automatically generatedChart

Description automatically generatedChart, box and whisker chart

Description automatically generated

Diagram

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Chart

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Chart, diagram

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Diagram

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Chart, diagram

Description automatically generated with medium confidenceChart, box and whisker chart

Description automatically generatedChart, box and whisker chart

Description automatically generated

Chart, box and whisker chart

Description automatically generated

1st attemptChart, bubble chart

Description automatically generatedChart, line chart

Description automatically generated

2nd attemptChart, box and whisker chart

Description automatically generated

3rd attemptChart, timeline, box and whisker chart

Description automatically generatedAt this point, K-Means Clustering knows the 2nd cluster attempt is best so far. But don’t it’s the best from over-all.

## **How to Pick K-Value**

## **K-Means vs Hierarchical Clustering**

## **K-Means Clustering and 2-Dimensional Data**

## **K-Means Clustering and Heatmaps**