

Q4.R

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# Question 4
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# Three benefits:
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# Because the method doesn't require the data to be labeled,
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# it is frequently utilized in a variety of real-world problem statements.
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# K-means clustering is easy to implement.
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# The approach can handle massive amounts of data.
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```
# Three drawbacks:
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# The value of K must be manually selected.
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```
# Outliers would have an adverse impact on the clustering.
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```
# Clusters cannot overlap: one point can only belong to one cluster at a time,
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```
# leading to certain points placed in incorrect clusters.
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