# I wonder how clustering algorithms are used in which all real world applications? [closed]

Ask Question

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What all are applications of clustering algorithms? Which all real world applications use clustering algorithms and for what?

algorithm cluster-analysis partitioning

asked Nov 16 '11 at 17:26

pkvprakash
179 ● 4 ● 12

**closed** as not constructive by Kev Nov 16 '11 at 23:31

As it currently stands, this question is not a good fit for our Q&A format. We expect answers to be supported by facts, references, or expertise, but this question will likely solicit debate, arguments, polling, or extended discussion. If you feel that this question can be improved and possibly reopened, visit the help center for guidance.

If this question can be reworded to fit the rules in the help center, please edit the question.

## 1 Answer

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Just some example applications:

- **Biology**: classification of plants and animals given their features;

their house type, value and geographical location;

- **Earthquake studies**: clustering observed earthquake epicenters to identify dangerous zones;
- **Insurance**: identifying groups of motor insurance policy holders with a high average claim cost; identifying frauds;
- **Libraries**: book ordering;
- **Marketing**: finding groups of customers with similar behavior given a large database of customer data containing their properties and past buying records;
- **WWW**: document classification; clustering weblog data to discover groups of similar access patterns.

Source

Another **excessive list** of applications of cluster analysis from **Wikipedia**

edited Nov 16 '11 at 17:35

answered Nov 16 '11 at 17:28

Regexident
27.6k ● 8 ● 84 ● 96

Should be -1 for mentioning 'Marketing' on stackoverflow. – Martin James Nov 16 '11 at 17:32

1 @MartinJames: Evens out with the +1 for 'Earthquake studies', no? ;) – Regexident Nov 16 '11 at 17:34