

# When to use Machine learning

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- **Problems for which existing solutions require a lot of hand-tuning or long lists of rules: one Machine Learning algorithm can often simplify code and perform better.**
- **Complex problems for which there is no good solution at all using a traditional approach: the best Machine Learning techniques can find a solution.**
- **Fluctuating environments: a Machine Learning system can adapt to new data.**
- **Getting insights about complex problems and large amounts of data.**