

# Question

- There has been a lot of emphasis on large clusters, and tools such as Map Reduce for “big data”
- **But, when might it be better to use a smaller machine such as a laptop, desktop, or rack mounted multi-core server?**
- Potential advantages
  - (much) More energy efficient
  - More cost effective
  - Easier to program, especially for general purpose
  - Easier to administer, more reliable