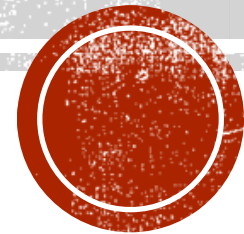# SIMULATION OF ISING MODEL

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# SUMMARY

- Sampling complexity:
  - Depending on the situation, 90% of the sample points behind usually provides the best statistical result, both robust and efficient

- Accelerating the simulation:
  - KMC (Kinetic Monte Carlo)
    - Using efficient data structure to store the model
  - Parallel Computation
  - Can simulated annealing help us get better result for simulating Ising model?