Deep Learning Is for Everyone

Myth (don't need)	Truth
Lots of math	Just high school math is sufficient
Lots of data	We've seen record-breaking results with <50 items of data
Lots of expensive computers	You can get what you need for state of the art work for free

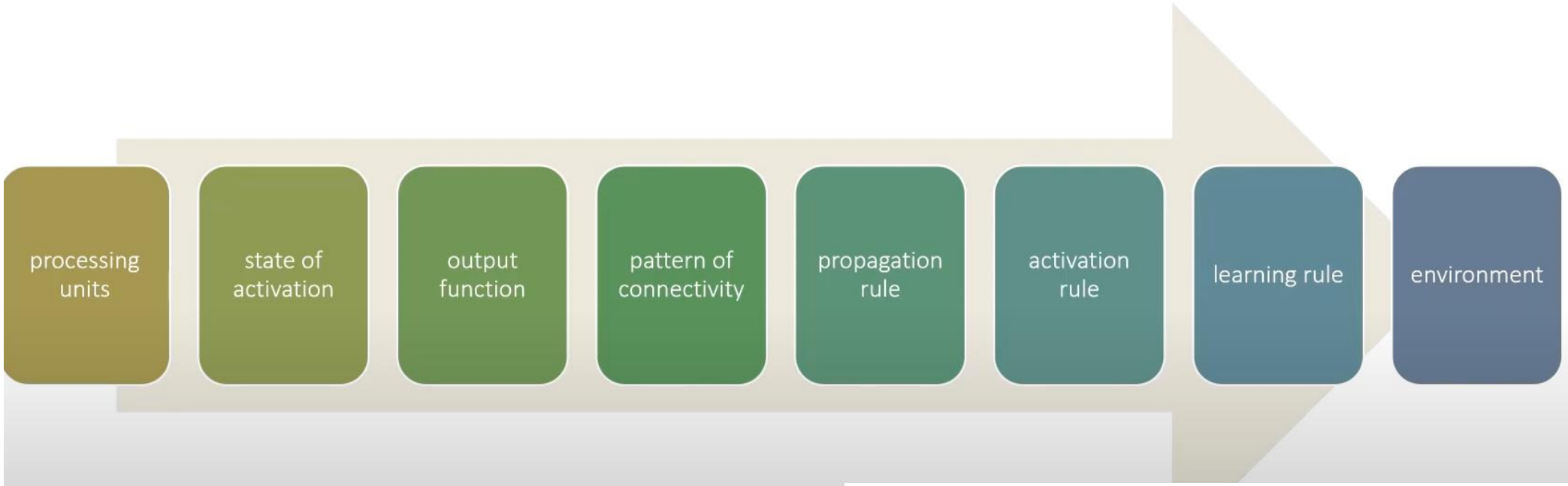
↑ 딥러닝으로 문제 해결하기 위해서 필요하다고 여겨졌던 미신들

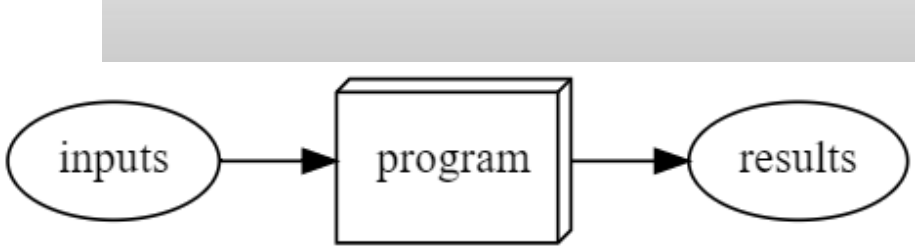
"대학 수준의 수학, 대기업이 가진 데이터,
컴퓨터공학 전공이 딥러닝을 공부하고 사용하는데
필수 조건이 아니다."

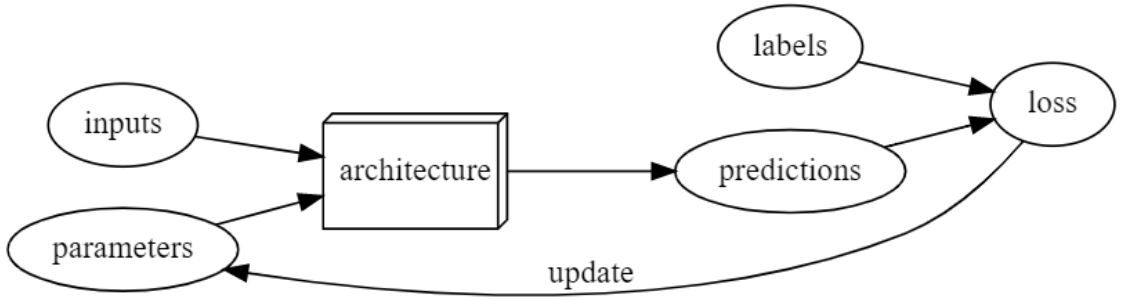
현재 딥러닝이 활발히 적용되고 있는 도메인들 →

* All figures are referenced from 'Deep learning for coders (2020) of Lesson 1 slides of fast.ai'

History and Architecture (Model)







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How to Learn Deep Learning

- fast.ai 가 가진 교육 철학
  1. Teaching the whole game.
     - 잘 동작하는 SOTA 알고리즘을 보여준다
  2. Always teaching through examples
     - 직관적으로 이해가능한 예제로 설명한다
  3. Simplifying as much as possible
     - 복잡한 주제들은 최대한 간결하게 설명한다
  4. Removing barriers
     - 모든 사람들이 딥러닝을 사용하게 만든다

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