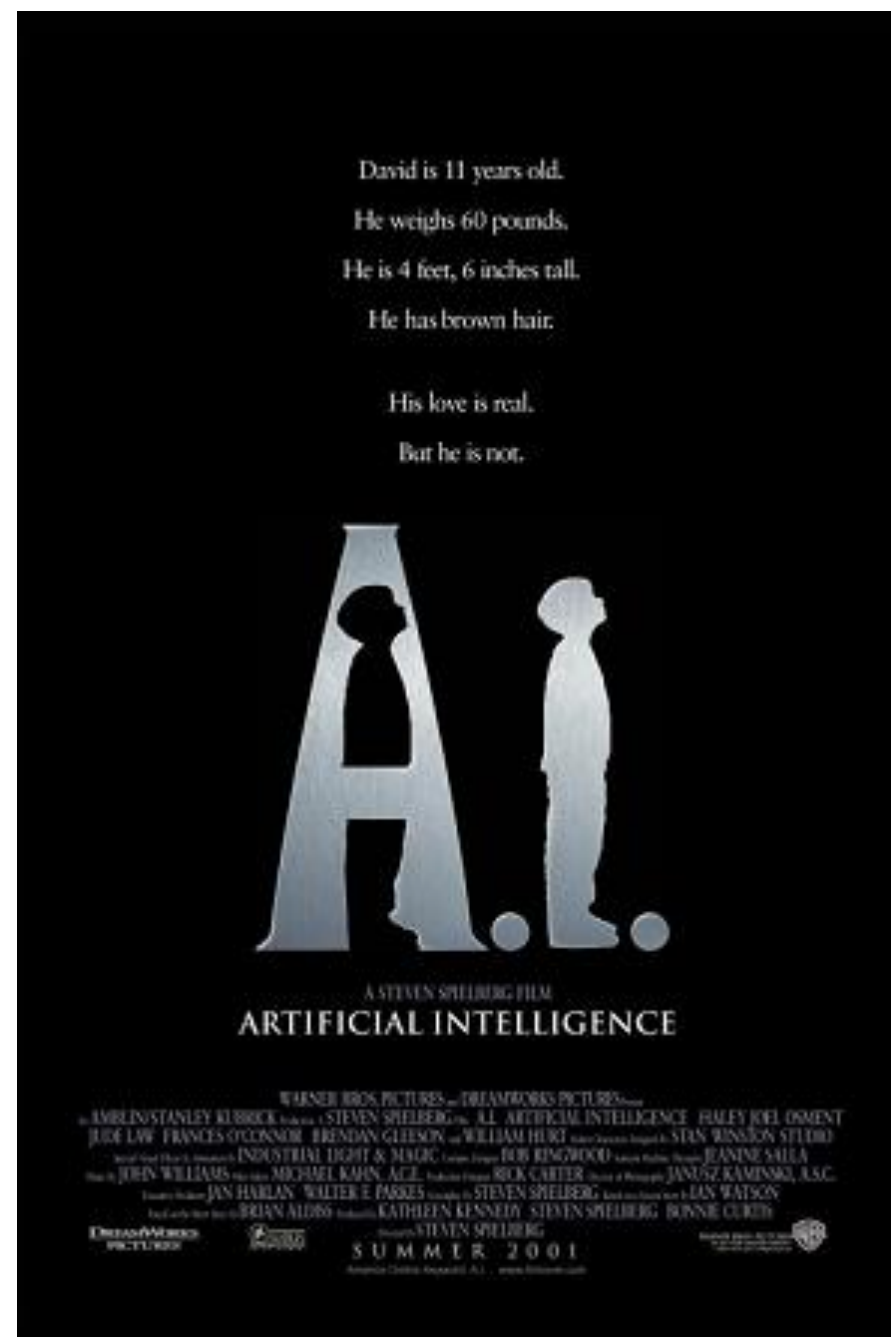


What is Artificial Intelligence?

What is Artificial Intelligence?

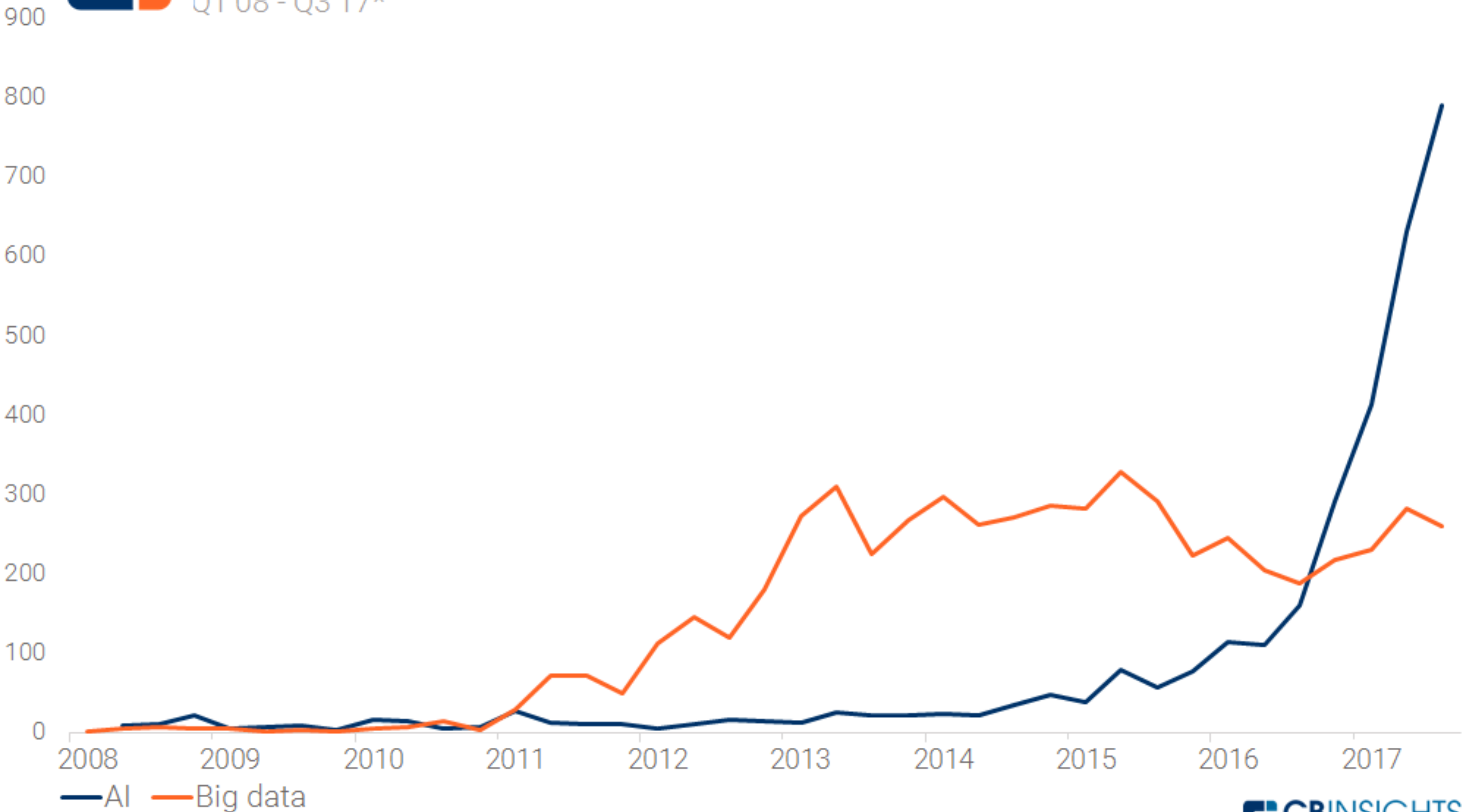
An Ideal





Mentions of 'AI' vs. 'big data' in earnings calls

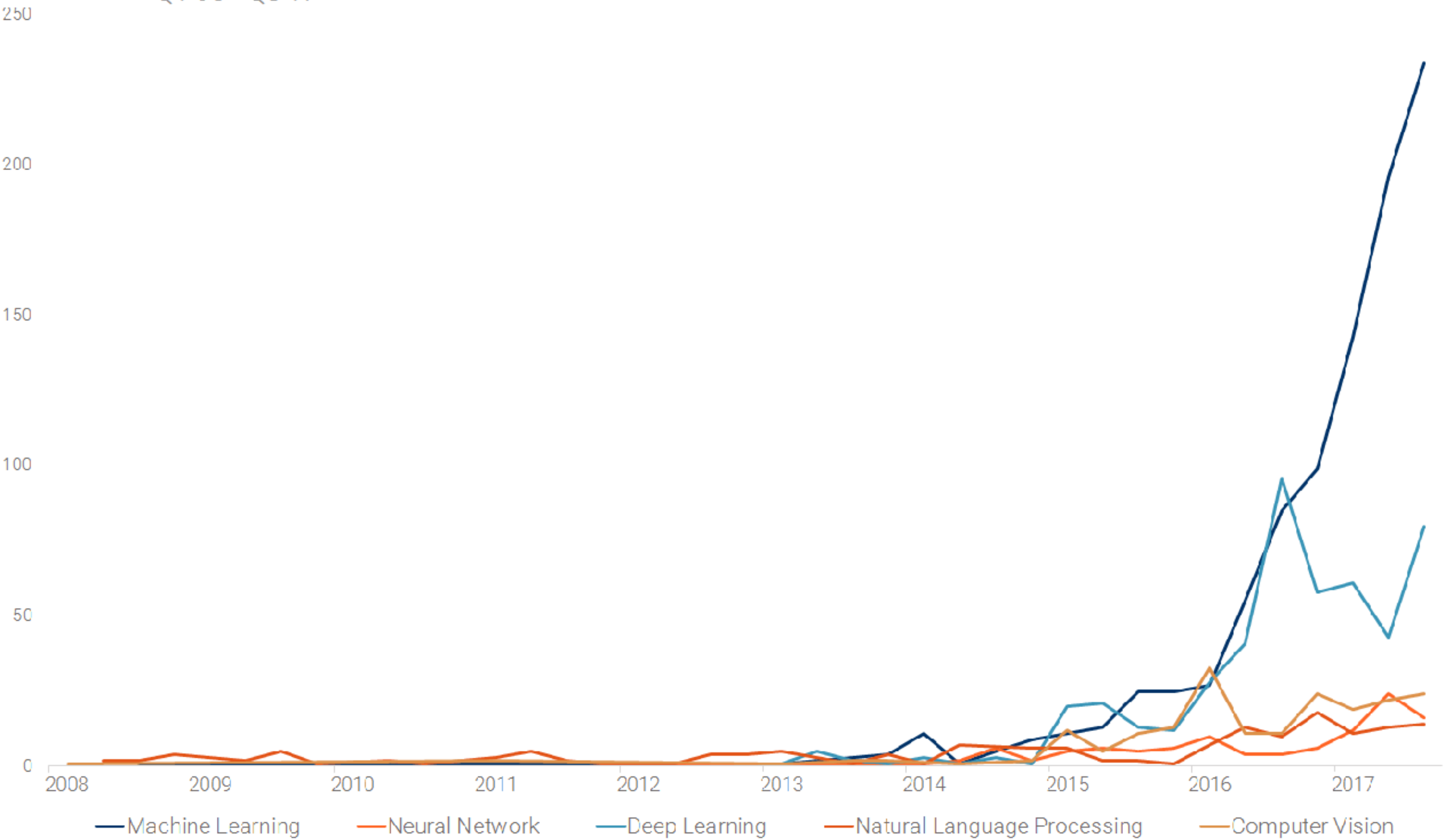
Q1'08 - Q3'17*



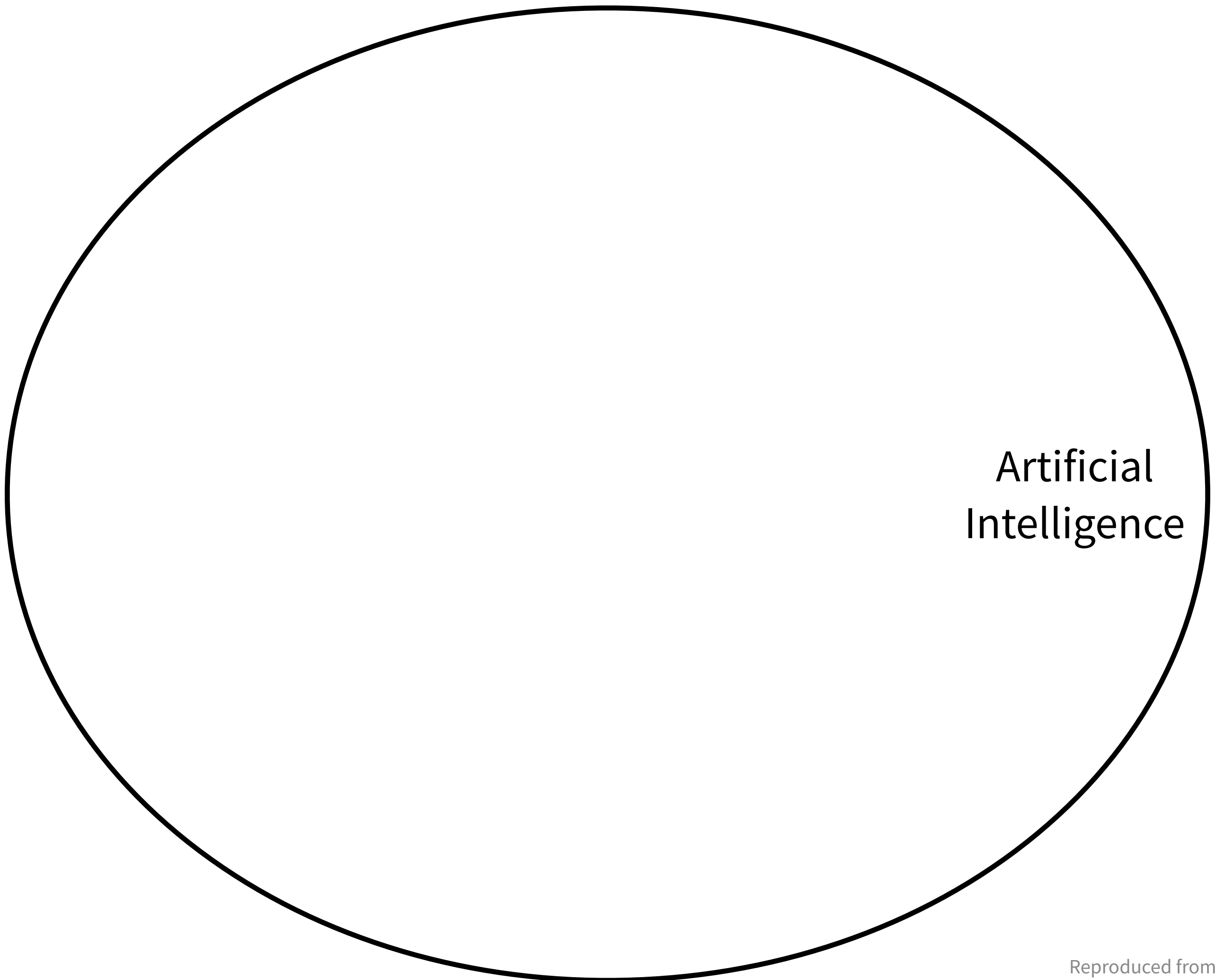


Mentions of different AI terminology in earnings calls

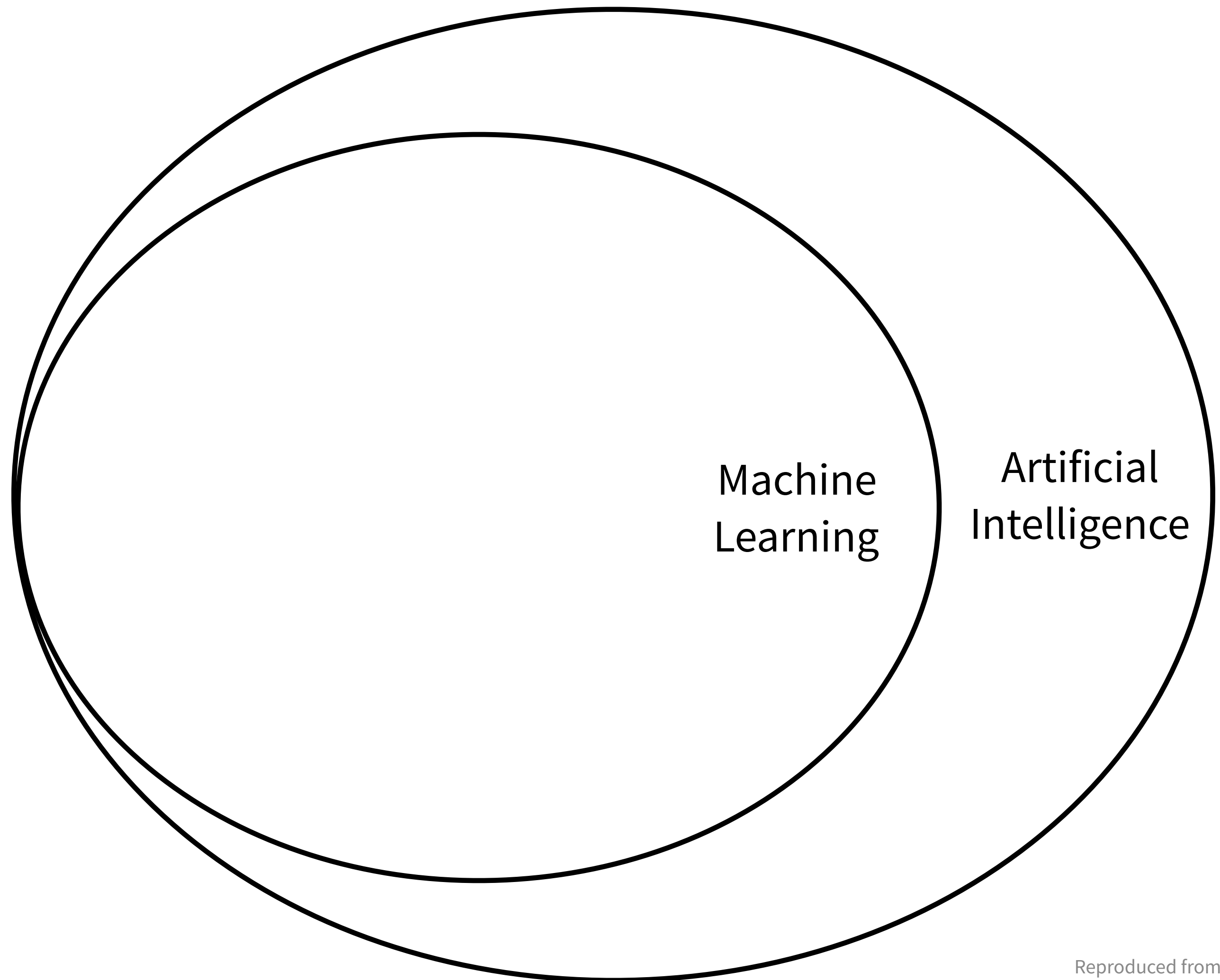
Q1'08 - Q3'17*



Relationship to Other Disciplines



Relationship to Other Disciplines



What is Machine Learning?

What is Machine Learning?

- There are many tasks that **computers can do much more efficiently than humans**
 - e.g. computing π to high precision, sorting a huge list



What is Machine Learning?

Machine learning is about enabling computers to do these tasks, not by programming them with rules, but by **learning from data**.

Basic ML Framework

Basic ML Framework

Input
(Data)



e.g. Image


```
def square(x):  
    return x * x
```

square(1) = 1

square(2) = 4

square(3) = 9

...

