

Some Applications of Inductive Logic Programming

Richard Evans

richardevans@google.com

@LittleBimble



DeepMind

Overview

Some issues with neural networks are that...

- You need a large amount of data
- It is hard to inject prior knowledge
- The learnings are not interpretable

Some nice features of Inductive Logic Programming (ILP) are that...

- You only need a small amount of data
- It is easy to inject prior knowledge
- The learnings are interpretable

Overview

I will show two applications of ILP, illustrating these advantages:

- Seek Whence
- Learning Social Practices

In these examples:

- You only need a small amount of data
- It is easy to inject prior knowledge
- The learnings are interpretable