

The Future of Business References

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304. In the 1960s and 1970s, AI researchers hoped to reduce human intelligence to the manipulation of a finite set of symbols. For a while they had much success with this approach, but it became apparent that much human thought cannot be reduced in that way. For instance we can drive cars without manipulating symbols in our minds. The most powerful AI systems today make no attempt to translate the objects and ideas which they deal with into symbols. Instead their algorithms are trained and improved with massive data sets until they are simply effective. It is an open question how far this reflects what goes on inside our heads.
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