



The Road To Intelligent Legal Software

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2016 NOCALL Fall Workshop
October 14, 2016

J U D I C A T A



I. Artificial Intelligence

(Hype v. Reality)

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Google: A Neural Conversational Model

(Part 1)

Human: *how many legs does a cat have ?*

Machine: *four , i think .*

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Google: A Neural Conversational Model

(Part 1)

Human: *how much is two plus two ?*

Machine: *four .*

J U D I C A T A



Google: A Neural Conversational Model

(Part 1)

Human: *what is the purpose of life ?*

Machine: *to serve the greater good .*

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The Hype

**GOOGLE MADE A CHATBOT
THAT DEBATES THE MEANING
OF LIFE**

WIRED

JUDICATA



Google: A Neural Conversational Model

(Part 2)

Human: *how many legs does a spider have ?*

Machine: *three , i think .*

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Google: A Neural Conversational Model

(Part 2)

Human: *how much is ten minus two ?*

Machine: *seventy - two .*

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Google: A Neural Conversational Model

(Part 2)

Human: *what is the purpose of existence ?*

Machine: *to find out what happens when we get
to the planet earth .*

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The Reality

GOOGLE MADE A
CHATBOT THAT FAILS
FIRST GRADE MATH
- Me

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The Very Sad Reality

**Google Mistakenly Tags Black People as
'Gorillas,' Showing Limits of Algorithms**

THE WALL STREET JOURNAL

Women less likely to be shown ads for
high-paid jobs on Google, study shows

theguardian

**Facebook fires human editors, algorithm
immediately posts fake news**

ars TECHNICA

J U D I C A T A

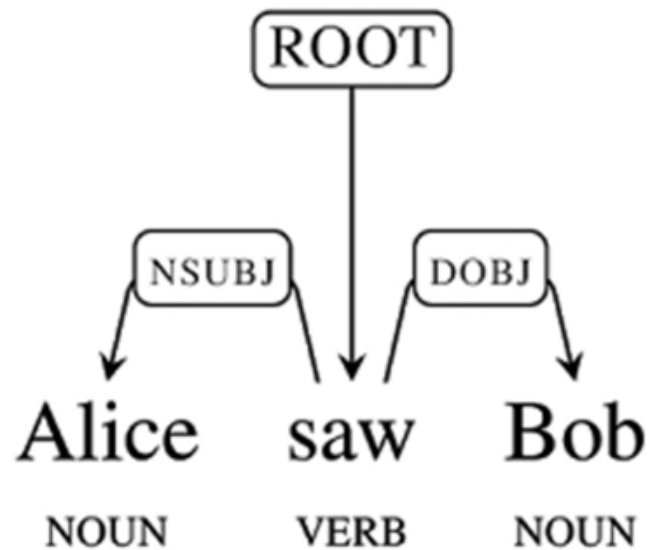


II. Natural Language Processing

(Alice Saw Bob)

J U D I C A T A

Understanding Language

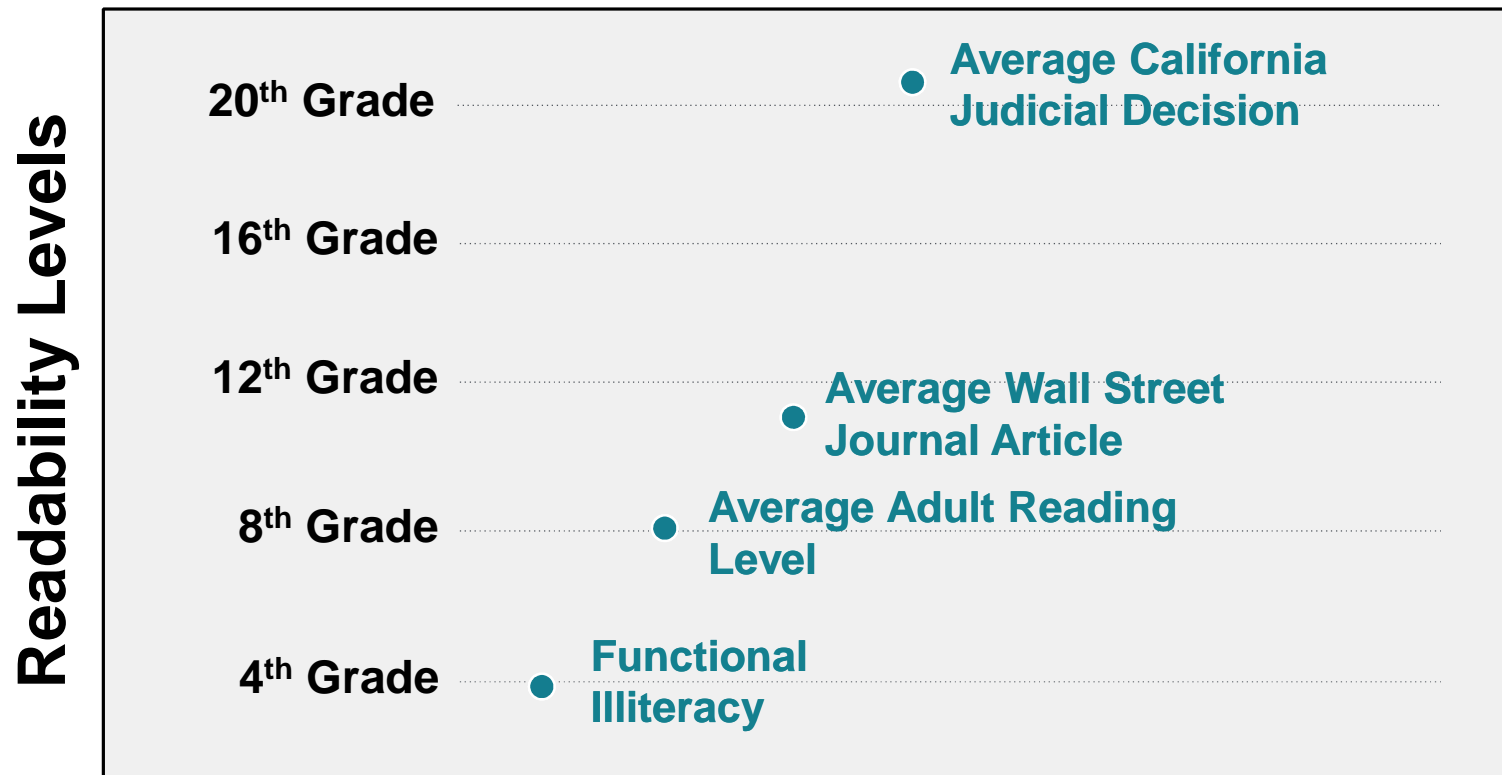


94%

Accuracy on English
newswire sentence
corpus

It Performs Worse On Legal Language

(Because Legal Language Is Harder)



J U D I C A T A



III. Self-Driving Cars

(Another Hard Endeavor)

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Tesla v. Google



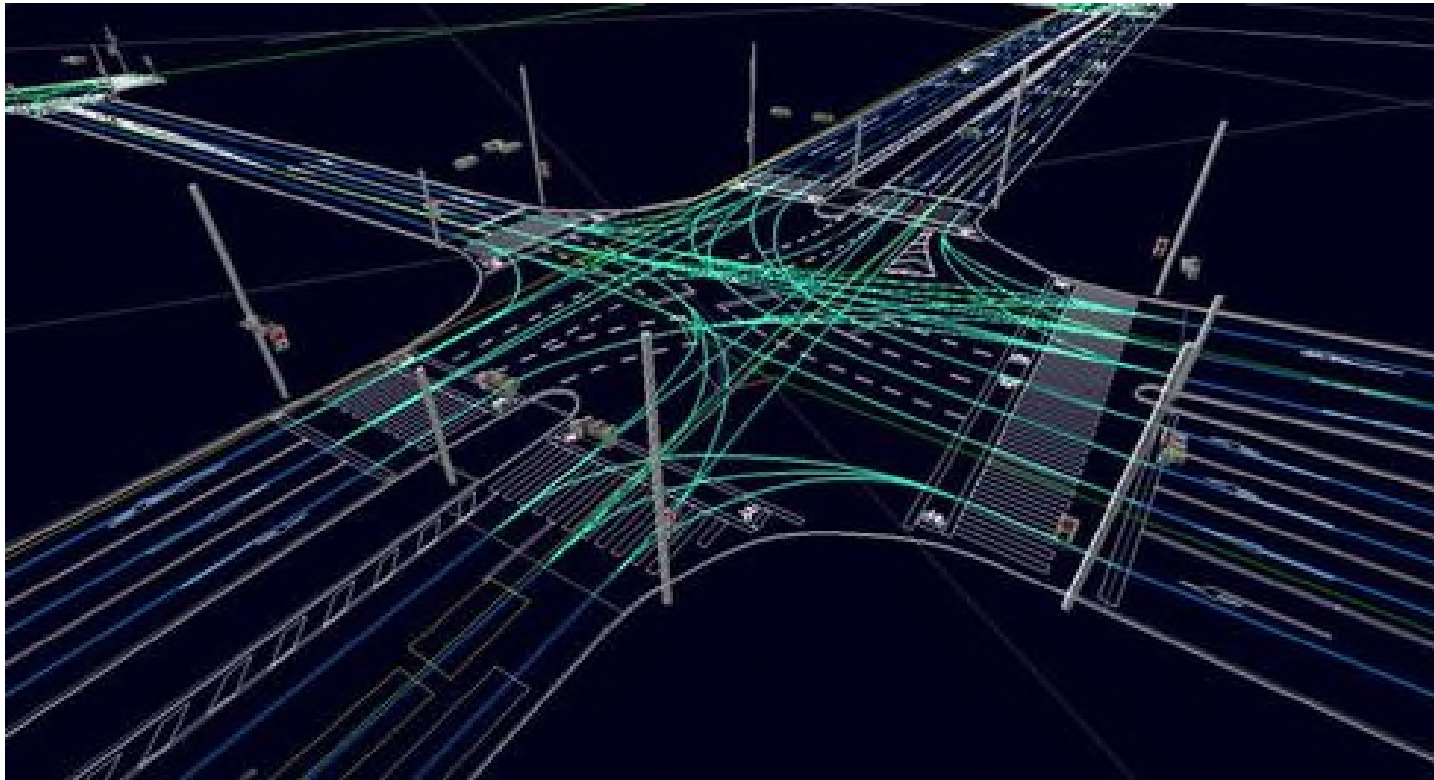
- **Lane Assist**
- **Adaptive Cruise Control**



- **No Steering Wheel**
- **No Brake Pedals**

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The Difference Is In The Maps



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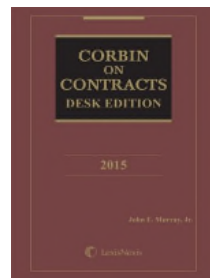


IV. Intelligent Legal Software

(The Law Has Maps Too)

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Lawyers Have Been Building Maps For More Than 140 Years



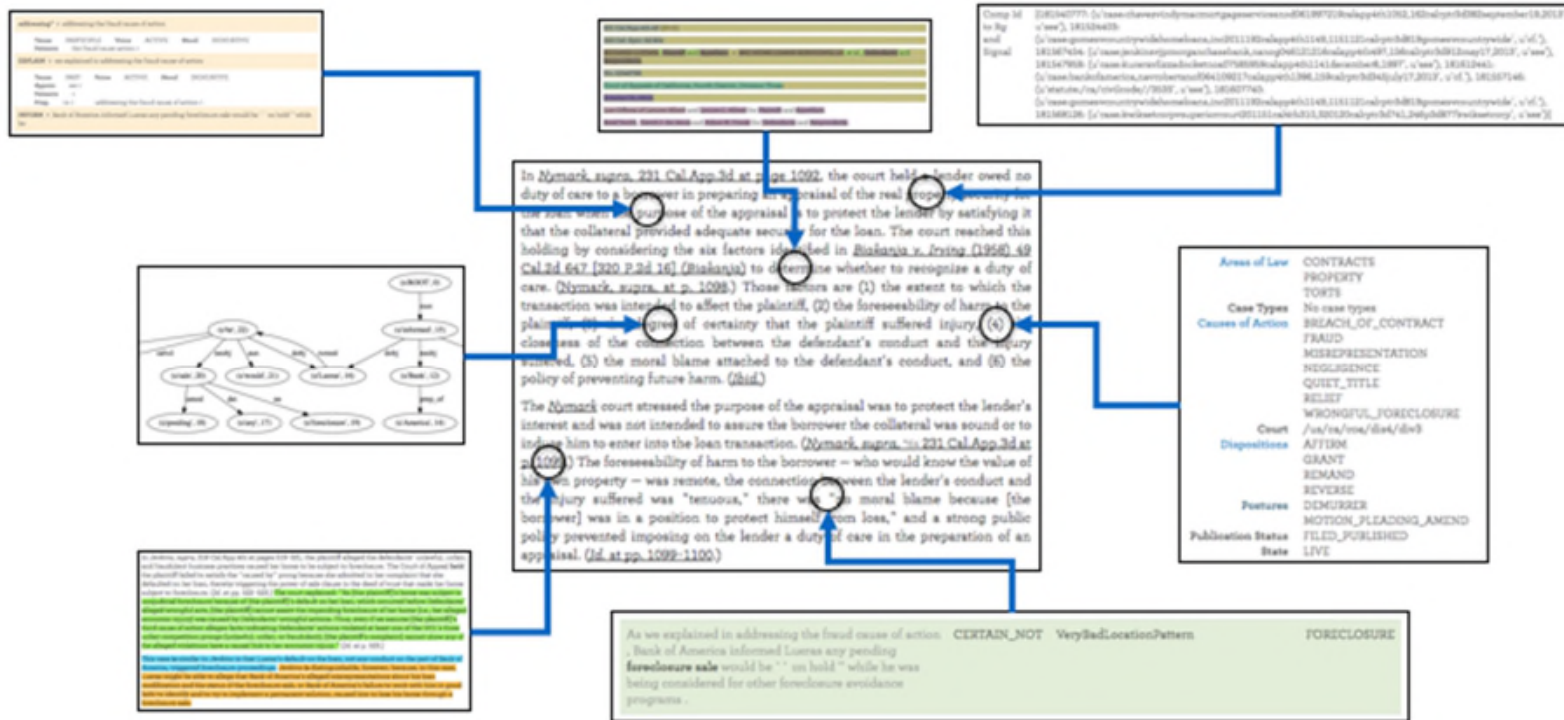
Shepard's[®]



But They're Increasingly Outdated

JUDICATA

Judicata Is Building A New Legal Map



Our Map Powers The Best California Legal Search Engine On The Market

The screenshot displays the JUDICATA legal search engine interface. At the top, the search bar contains the query "duty of care". Below the search bar, there are navigation tabs for "Cases" and "Statutes".

On the left side, there is a "Filter Cases" panel with the following sections:

- Search Within Results:** A search box containing "duty".
- Publication Status:**
 - Published: 4,761
 - Unpublished: 2,961
- Cases of Action:**
 - Negligence and Personal Injuries: 6,842
 - Fraud: 1,446
- Procedural Posture:**
 - Motion for Summary Judgment or Adjudication: 1,801
 - Decree: 1,130
- Disposition:**
 - Affirm: 4,763

The main content area shows "1-10 of 6842 civil cases for duty". The first case listed is "Knight v. Jewett", 9 Cal.4th 286, 11 Cal.Rptr.2d 2, 85. The snippet reads: "By contrast, in the "secondary to the plaintiff. In this respect, the nature of a defendant."

Below the case list, there is a detailed view of a case opinion for "SCOTT CALL JOLLEY Plaintiff and Appellant v. CHASE HOME FINANCE, LLC et al., Defendants and Respondents". The opinion is dated February 11, 2013, and published. The court is the Court of Appeals of California, First District, Division Two.

The opinion is authored by RICHMAN, J. The text of the opinion includes:

Law Offices of Vernon Bradley and Vernon Bradley for Plaintiff and Appellant.
Law Offices of Sohnen & Kelly, Harvey Sohnen and Patricia M. Kelly for Defendants and Respondents.

OPINION

RICHMAN, J. —

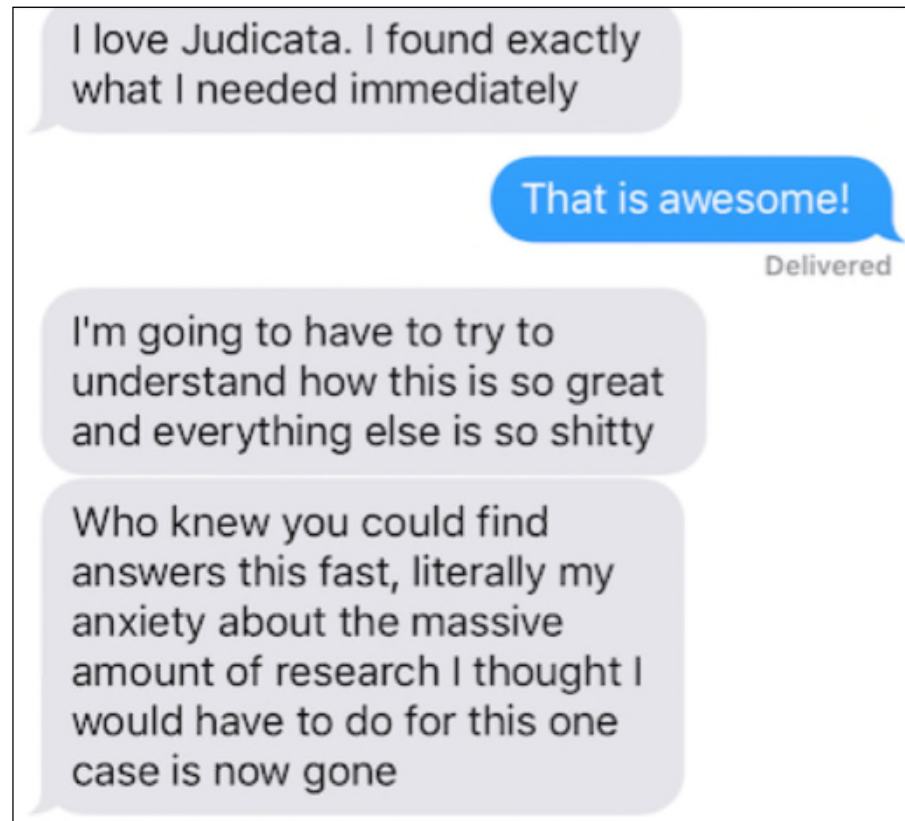
Plaintiff Scott Call Jolley and Washington Mutual Bank (WaMu) entered into a construction loan agreement in 2006, which eventually encountered problems due to alleged failures by WaMu to properly disclose construction costs. As a result,

We're Still Decades Away From This:



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Nevertheless, Our Users Love Judicata Today



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