

DANIEL LEWIS CEO + Co-founder

WHO WE ARE

- + Ravel is a leader in analytics for litigators, leveraging machine learning to turn unstructured legal data into insights.
- + Our first product, Judge Analytics, won AALL 2016 Product of the Year. There are 3 more products in the pipeline in the next year that are equally transformative.
- + We have an exclusive content partnership with Harvard Law School.
- + Customers already include dozens of AmLaw 500 firms and 20+ schools. We have tens of thousands of professional users.
- + Founded in 2012 at Stanford Law School.

CUSTOMERS INCLUDE TOP FIRMS AND LAW SCHOOLS

1 in 3 of the Am Law 20 use Ravel





A COMPETITIVE ADVANTAGE IN MACHINE LEARNING

We use machine learning trained with millions of data points created by an in-house team of lawyers to identify, extract and classify information from legal documents.

CITIZENS UNITED, Appellant, v. FEDERAL ELECTION COMMISSION 130 S.Ct. 876 (2010) We capture, for example: No. 08-205 Supreme Court of United States Argued March 24, 2009. Decided January 21, 2010. Parties Reargued September 9, 2009. Floyd Abrams, for Senator Mitch McConnell as amicus curiae, by special leave of the Judges Court, supporting the Appellant Elena Kagan, Solicitor General, Washington, D.C., for Respondent. Companies Seth P. Waxman, for Senator John McCain, as amici curiae, by special leave of the Court, supporting the Appellee. Law Firms & Lawyers Michael Boos, Fairfax, VA, Theodore B, Olson, Matthew D, McGill, Amir C, Tayrani, Justin S. Herring, Gibson, Dunn & Crutcher LLP, Washington, D.C., for Patents Appellant. Theodore B. Olson, for Appellant Citations 20 20 20 Outcomes Justice KENNEDY delivered the opinion of the Court. Federal law prohibits corporations and unions from using their Points of law general treasury funds to make independent expenditures for speech defined as an "electioneering communication" or for speech expressly Motion types advocating the election or defeat of a candidate. 2 U.S.C. § 441b. Limits on electioneering communications were upheld in McConnell v. Federal Document types Election Comm'n, 540 U.S. 93, 203-209, 124 S.Ct. 619, 157 L.Ed.2d 491 (2003). The holding of McConnell rested to a large extent on an earlier Negative/positive treatments case, Austin v. Michigan Chamber of Commerce, 494 U.S. 652, 110 S.Ct. 1391, 108 L.Ed.2d 652 (1990). Austin had held that political speech may be and more banned based on the speaker's corporate identity.

In this case we are asked to reconsider Austin and, in effect, McConnell. It has been noted that "Austin was a significant departure from ancient First Amendment principles," Federal Election Comm'n v. Wisconsin Right to Life, Inc., 551 U.S. 449, 490, 127 S.Ct. 2652, 168 L.Ed.2d 329 (2007) [WRTL] (SCALIA, J. concurring in part and concurring in judgment). We agree with that conclusion and hold that stare decisis does not compel the continued acceptance of Austin. The Government may regulate corporate political speech through disclaimer

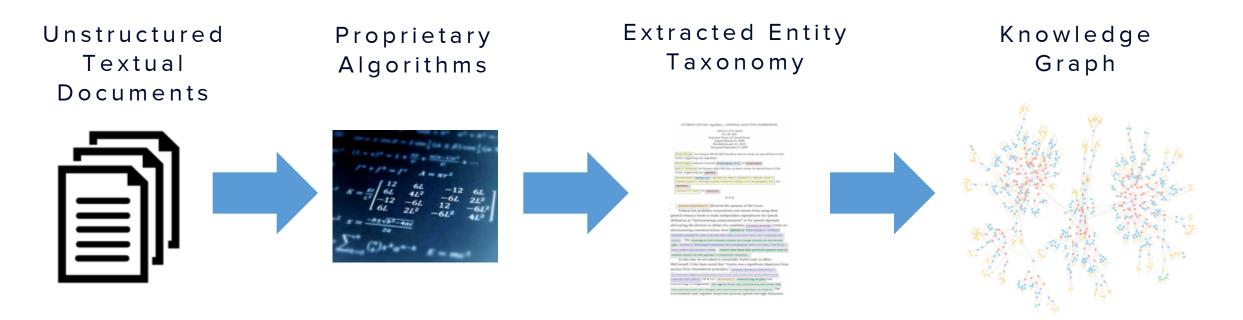






Building a Knowledge Graph

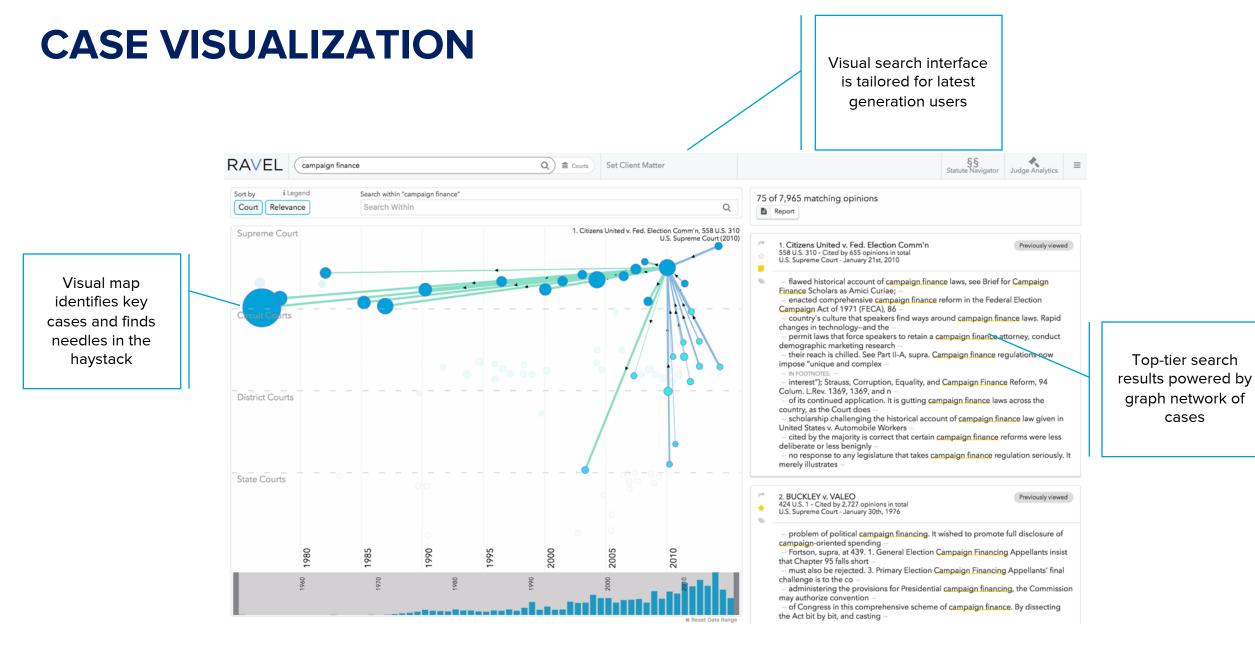
Ravel's Knowledge Graph is derived from more than 10M unstructured documents (primarily legal opinions).



- 1. Proprietary technology to identify, extract, and classify different entity types, then disambiguate and deduplicate to create an entity taxonomy.
- 2. Build relationships across entities, represented by the edges in the graph, which we can quickly run aggregations on top of to create insights.
- 3. Process 10M documents in <12 hours, extracting hundreds of millions of connected data points.

JUDGE ANALYTICS

	RAVEL Enter keywords, case name of Opinions Analytics About	Patterns from the Writing of Charles R. Breyer	SS Statute Navigator Judge Analytics ≡	Visualization of data reveals patterns in citations to cases,
Unique motion filters built with machine learning. Includes granted or denied outcome.	Charles R. Breyer Northern District of California 1997 - Present	Active Filters Most Treated Motion to Dismiss X Opinions Courts Judges	November 20th, 2003 349 F.3d 1191 U.S. Court of Appeals for the Ninth Circuit Language citing ILETO v. GLOCK INC.	courts, and judges
	Filters 1 FILTER APPLIED Clear All Keyword Search V	Treatments of: 54 Ashcroft v. Iqbal 32 BALISTRERI v. PACIFICA POLICE DEPT.	in A.P. DEAUVILLE, LLC v. ARION PERFUME AND BEAUTY, INC. No. C14-03343 CRB. U.S. District Court for the Northern District of California - December 12th, 2014	
	٩	23 ILETO v. GLOCK INC.20 EMINENCE CAPITAL, LLC v. ASPEON, INC.	A motion to dismiss pursuant to Rule 12(b)(6) tests the legal sufficiency of the complaint. Ileto v. Glock, Inc., 349 F.3d 1191, 1199-1200 (9th Cir. 2003) (citing Fed. R. Civ. P. 12(b)(6)). in CRAIGSLIST INC. v. 3Taps INC. No. CV 12:03816 CR8. U.S. District Court for the Northern District of California - April 30th, 2013 A motion to dismiss under Rule 12(b)(6) tests the legal sufficiency of the claims alleged in a complaint. Ileto v. Glock, Inc., 349 F.3d 1191, 1199-1200 (9th Cir. 2003).	
	Motions Motion for Summary Jud., 355 results Motion to Dismiss 293 results	 SPREWELL v. GOLDEN STATE WARRIORS METZLER INV. GMBH v. CORINTHIAN COLLEGES, INC. SWARTZ v. KPMG LLP LEE v. CITY OF LOS ANGELES 		Technology highlights key rules and language patterns of the judge
	Motion for Certification 34 results Motion to Strike 34 results			
	O Motion to Compel 34 results Show 53 More	 VESS v. CIBA-GEIGY CORP. USA CLEGG v. CULT AWARENESS NETWORK 	In DOAN v. SAN RAMON VALLEY SCHOOL DISTRICT No. C 13-03866 CRB. U.S. District Court for the Northern District of California - January 27th, 2014	
	Topics > Statutes >		A motion to dismiss pursuant to Rule 12(b)(6) of the Federal Rules of Civil Procedure tests the legal sufficiency of the claims alleged in a complaint. Ileto v. Glock, Inc., 349 F.3d 1191, 1199-1200 (9th Cir. 2003).	
	Date Range Show opinions from Clear to	 FOMAN v. DAVIS KWIKSET CORP. v. SUPERIOR COURT WHITE v. LEE 	in KOLLER v. WEST BAY ACQUISITIONS, LLC No. C 12-00117 CR8. U.S. District Court for the Northern District of California - July 11th, 2012 A motion to dismiss under Federal Rule of Civil Procedure 12(b)(6) tests the legal sufficiency of the claims alleged in a complaint. Ileto v. Glock, Inc., 349 F.3d 1191, 1199-1200 (9th Cir.	
	Quick Filter Last 20 years Last 10 years Last 5 years Authored opinions since 1998. 38	7 KEARNS v. FORD MOTOR CO. 2003). "Detailed factual allegations" are not required, but the Rule does call for st	2003) . "Detailed factual allegations" are not required, but the Rule does call for sufficient factual matter. accented as true. to "state a claim to relief that is nlausible on its face." Ashcroft	

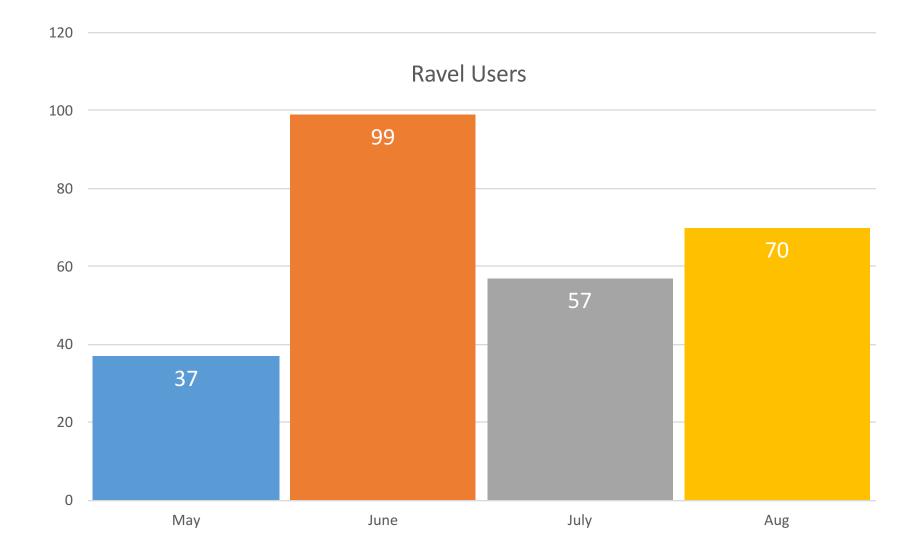


WE'RE CHANGING THE PRACTICE OF LAW

The bottom line is that Ravel has invented new ways for lawyers to seek a competitive advantage by discovering patterns and outliers in judges' opinions as well as insights into who and what influences them?

Jean O'Grady, DLA Piper - Director of Research Services and Libraries

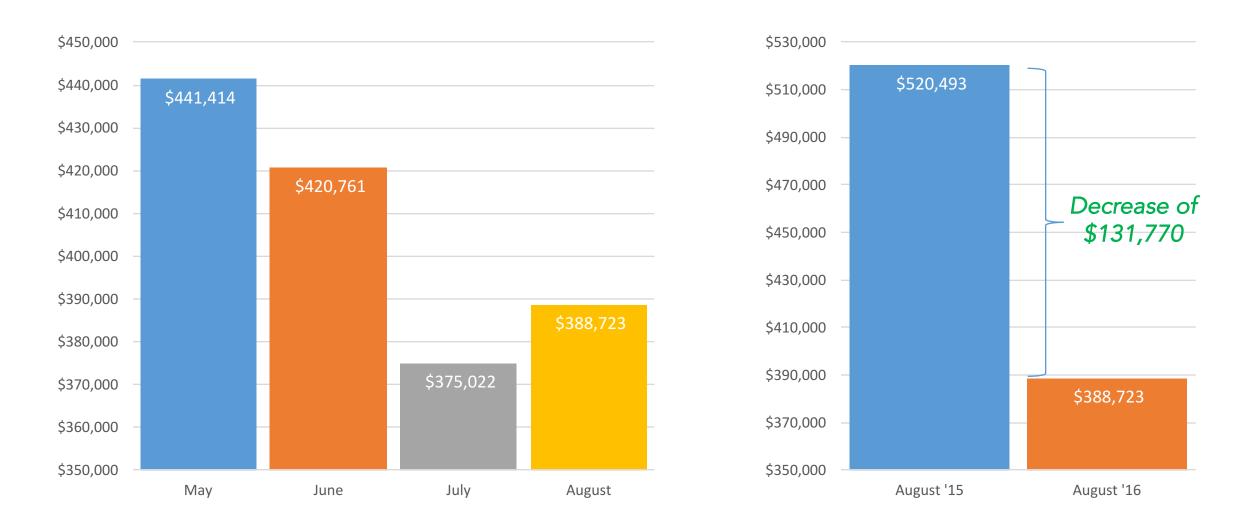




Westlaw Usage & List Charges Decline 25% After Ravel May 2016 Rollout

May to August % Change: -12%

August to August % Change: -25%



A NEW ERA OF ASYMMETRIC ANALYTICS

Information advantages via **analytics, interfaces, and insights**.