

Our project is about reading the news.

What is **TECH.curate**?



ARTICLES PUBLISHED ANY GIVEN MONDAY

Problem

222
NEWS COMPANIES

Guardian BBC New York Times 61 SOCIAL NEWS

> Medium Mashable

316
BUSINESS NEWS

Fortune
Business Insider
Bloomberg
VentureBeat

202
TECH NEWS

TechCrunch Verge TheNextWeb 25 DESIGN & MISC

Problem

There's so much!

Can all of it be read?

Is the news relevant?



Solution

Create an integrated platform that crawls the web for news and streamlines curation



Save time for curators



Gather all articles



Make relevant recommendations



Integrate with Flipboard

Solution



Curator Bot

An interactive article reviewing experience

Machine Learning Engine

Collects articles, filters them, and then recommends relevant ones

Publishing Functionality

Distributes approved articles

Live Demo

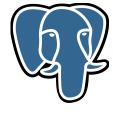




How it's built

Front End Architecture













Backend Architecture

RSS PARSER

Webscraping



Datastore



Text Analysis Algorithm Libraries



Data Piping



Process Scheduling



Algorithm Selection

Backend



Teaching a Machine to Read

Article Text



BloombergTechnology

Don't Warry, Driveriess Cars Are Learning From Grand Theft Auto

The blockbuster video game is one of the simulation platforms researchers and engineers increasingly rely on to test and train the machines being primed to take control of the family sedan. Companies from Ford Motor Co. to Alphabet Inc.'s Waymo may boost about putting no-hands models on the market in three years, but there's a lot still to learn about drilling algorithms in how to respond when, say, a mattress falls off a truck on the freeway.

If automakers and tech enterprises want to make their deadline, they have to hurry up. The test cars tricked out with lasers, sensors and cameras being put through the paces on tracks and public roads can't do it on their own. Simulators pages our of case and the ones at Waymo can model driving more than 31

Waymo

"Just relying on data from the roads is not practical," salur payme become, who reads the simulation effort in San Jose, California, for Nio, a startup aiming to introduce an automorphism and the LLC, in 2020, "With simulation process the same starting and same starting at the same starting and same starting and

	Grand Theft Auto	Waymo	autonomous
Article #1	1	11	1
Article #2	0	1	0
Article #3	0	0	1
Article #4	1	0	0

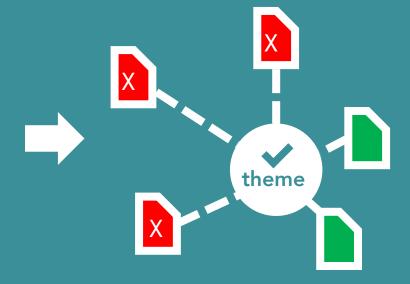
Teaching a Machine "Themes"



Identify "seed" articles

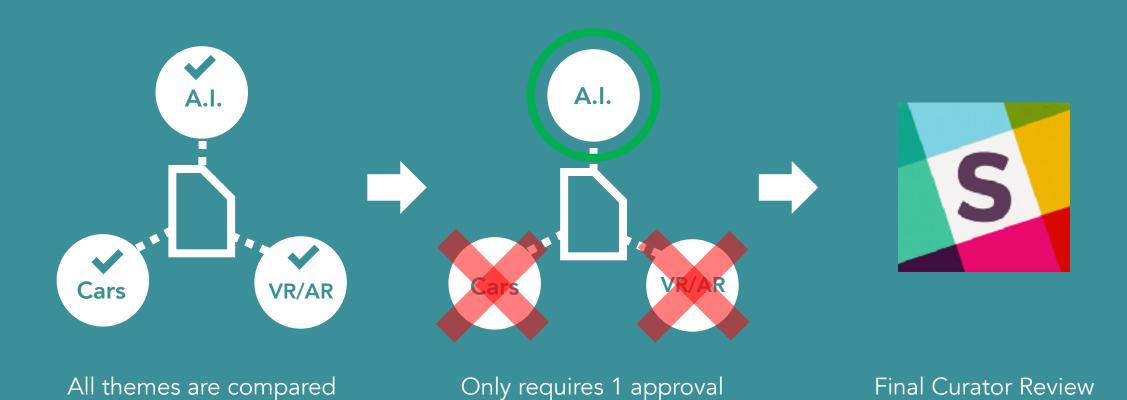


Derive key topic phrases within the theme

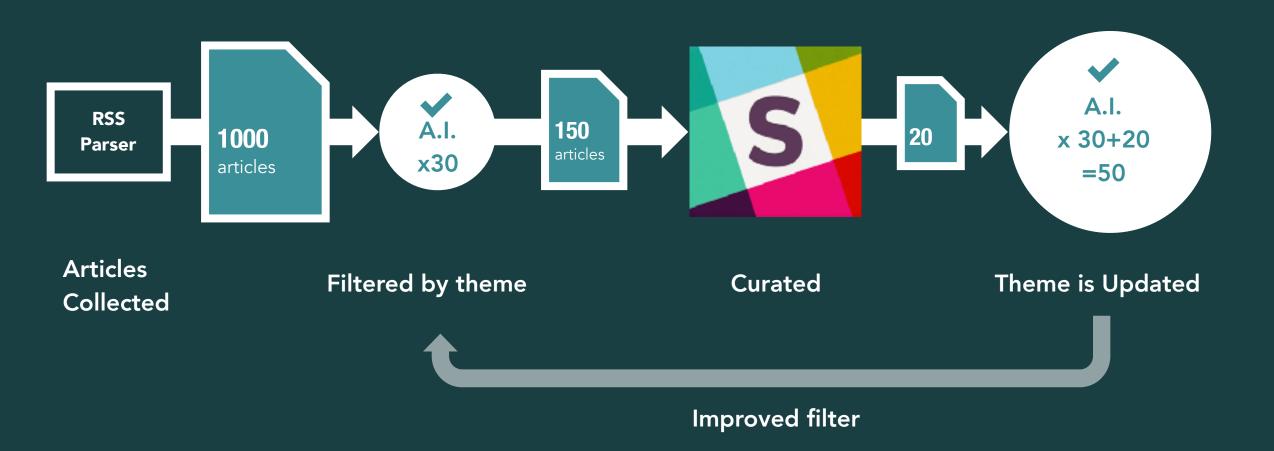


New articles are compared to theme articles

Multiple Themes

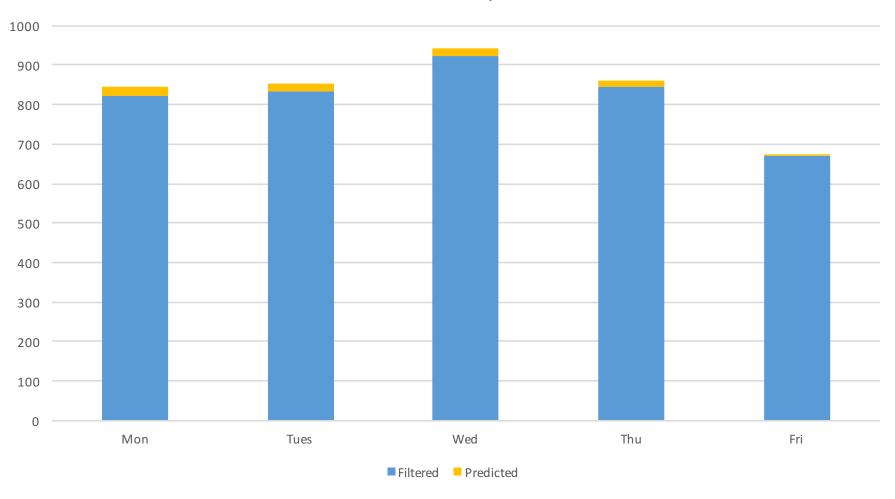


How does Darwin learn?



What about last week?

Posted Articles May 8th-12th



Last Week's "Al" Suggestions



Tesla wants to make self-driving cars a reality by collecting more video data from drivers

Also, you can use Autosteer at up to 90 mph on the highway

TECH \ TRANSPORTATION \ CARS \



NEWSROOM

News

NVIDIA Paves Path to AI Cities with Metropolis Edge-to-Cloud Platform for Video Analytics

50+ Al City Partners Using NVIDIA Deep Learning for Real-Time Insights, Making Communities Safer and Smarter, Improving Traffic and Resource Usage

Got a tip? Let us know. News = Video = Events = Crunchbase STARTUP BATTLEFIELD Applications Now Open For Startup Backefield At Disayer SF Apply Now > Artificial Intelligence Nissan's highway self-driving system hits Japanese roads in August Posted Jul 13, 2016 by Darrell Etherington (extensington)

What about "cars"



Fate of the Furious.

QUESTION CLUB: IS FATE OF THE FURIOUS DRIVING THE FRANCHISE IN THE WRONG DIRECTION?

Fate of the Furious is about Vin Diesel, but belongs to The Rock



So did Darwin succeed?

Darwin Recap

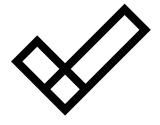
The initial goal was to create an integrated **platform** that crawls the web for news, and **streamlines** curation



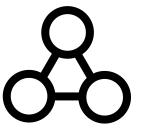
Darwin saves time by integrating into your workflow



Darwin sources from 37+ RSS feeds



Darwin filters out over 90% of article noise



Darwin publishes via email, Slack, and Flipboard

Darwin's Future

- Better handling of themes
- More interactivity
- The data science journey is just beginning!



Thank you!