



\$15B+ Online Loans Under Analysis

Deep Financial Services Experience within Core Team We Speak Regularly At Industry Conferences

Our Quantitative Loan Analysis Is Featured In Top Publications

Morgan Stanley





























Machine Learning on Occupations and Default Risk



"Risky" Occupations:

Mortgage Banker: +84%

Janitor: +82% Sous Chef: +59%

Massage Therapist: 51%

"Safe" Occupations:

Resident Physician: -71% Associate Professor: -60% Senior Pastor: -58% Police Sergeant: -54%

USE AI TO READ ONLINE REVIEWS

ML for Semantic Parsing - extract meanings from reviews



Chris H.

Anaheim, CA

†† 1 friend

20 reviews

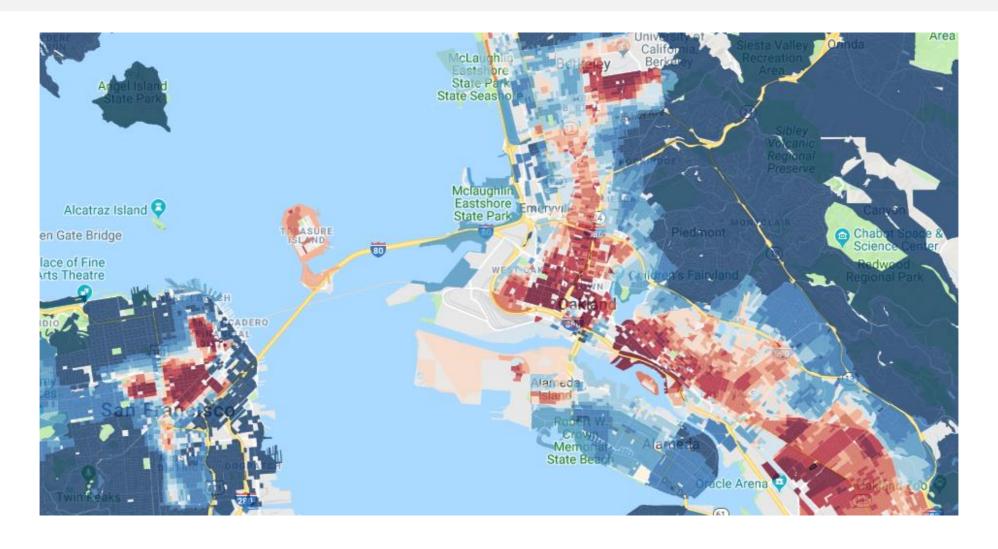
11/25/2016

I used to come here often but when I started observing how they prepared sandwiches, I was so disgusted. On several occasions, I noticed that the staff very seldom wash their hands. For instance, one of the employees was scratching her nose and touching her mouth and face while taking payment at cash register. After she assisted customer, she went straight for the gloves! Really? The glove is now contaminated and she's going to touch the rest of the veggies. Also, they think that wearing a glove protects from all bacteria so they use it to open the toaster, reefer, and other cabinets all the while using the same gloves to help next customer. Very unsafe and disgusting. Never going back to a place like this.

I'll start by saying that the employees here are very nice and took great care of us. The woman sort of ignored us when we pointed out the mass of sugar ants that was crawling all over the floor but it could have been that she didn't understand what we were saying to her. This is probably the worst subway sandwich and experience I've had in the last year. The people didn't speak English and didn't seem to have any idea how to do their jobs. The sandwich was a gooey mess, and the tomatoes were pale, almost green.

Estimate Income Distribution with very high resolution

- Previously income distribution can only be estimated on the city / census tract level
- Generative modeling let's us estimate income distribution with much higher resolution



Broader image recognition

 Based on exterior or Google streetview photographs, AI can pick up signs of potentially problematic neighborhood characteristics

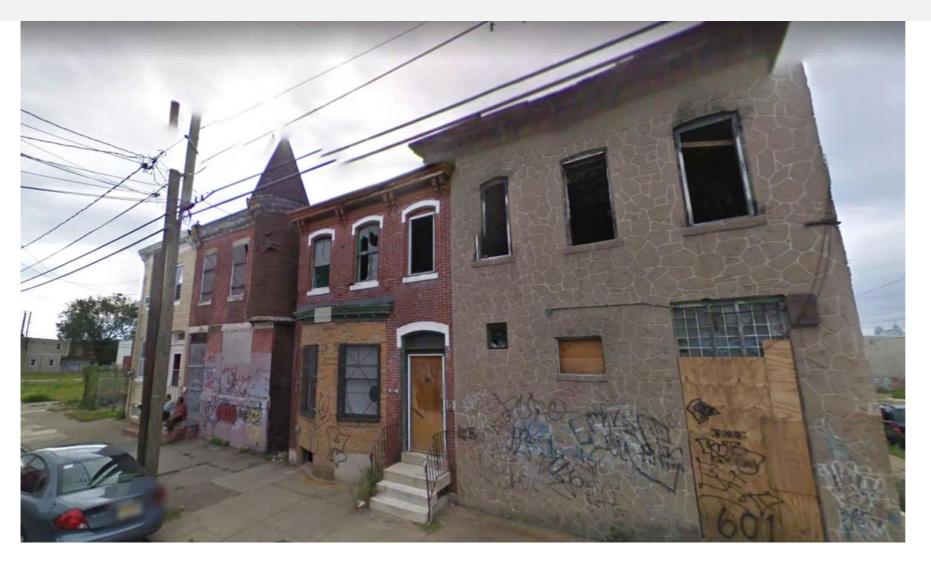


Image Characteristics:

Boarded up door: 74%

Graffiti: 56%%

Fire Damage: 43%

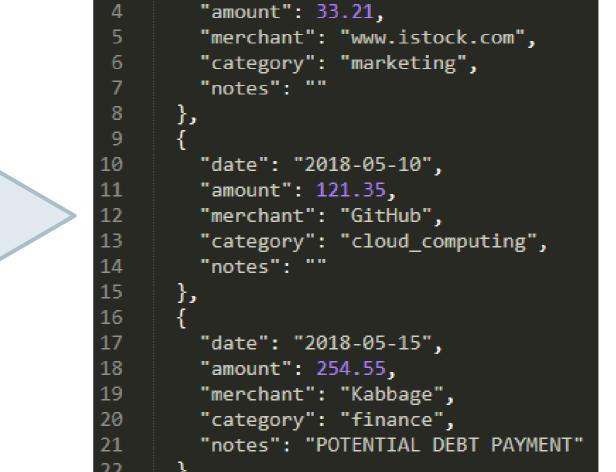
Al can recognize signs of costly property damage

- Al can pick up signs of potential property damage from automated analysis of property photographs.
- This highlights red flags for certain types of investment real estate loans



Intelligent Financial Transaction Extraction

Detail	Continued			
-				Amou
95/09/18	WWW.ISTOCK.COM 31618342 94304 ISTOCKPHOTO LE PURCHASE	966-478-6251	WA	\$33
05/09/18	WWW./510CK.COM 31618354.94104	866-478-6251	WA	\$12
05/09/18	ISTOCKPHOTO LP PURCHASE WWW.JSTOCK.COM 31618318 94104	866-478-6251	WA	\$33
05/09/18	ISTOCKPHOTO LP PURCHASE WPMU DEV MONTHLY PLAN 8889639528	BIRMINGHAM	AL.	\$19
05/09/18	WWW.15TOCK.COM 31618346.94104	866-478-6251	WA	\$33
05/09/18	ISTOCKPHOTO LP PURCHASE WWW.ISTOCK.COM 31618312.94104 ISTOCKPHOTO LP PURCHASE	866-478-6251	WA	\$33
05/09/18	WWW.ISTOCK.COM 31618333 94104 ISTOCKPHOTO LP PURCHASE	866-478-6251	WA	\$33
05/10/18	GTHUB GITHUB 4152910224	SANFRANCISCO	CA	\$61
05/10/18	WWW.ISTOCK.COM 31624937 94104 ISTOCKPHOTOLP PURCHASE	866-478-6251	WA	\$33
05/11/18	LINKEDIN-308*1511266 SUBSCRIPTION	LNKD.IN/BILL	CA	\$101
05/12/18	ROCKETREACH LLC 415-669-0604	MOUNTAINVI	CA	\$99
05/13/18	Atlassion COMPUTERS & EQUIPMENT	San Francisco		\$30
05/13/18	LEAD411 LEAD411-BASIC +18776731022	BOULDER	со	\$100
05/14/18	UPWORK*-180648063REF BUSINESS SERVICE	DUBLIN		\$107
05/16/18	ZAPIER.COM/CHARGE 8773818743	SANFRANCISCO	CA	\$20
05/16/18	GTHU8 GTHU8 4152910224	SANFRANCISCO	CA	\$7
05/16/18	LINKEDIN-309*1424085 SUBSCRIPTION	ENKD/IN/BILL	CA	\$124
05/17/18	GOOGLE *ADWS3269827510 ADVERTISING	CC@GDOGLE.COM	CA	\$500.
05/17/18	UBERCONFERENCE 415-842-9989	SANFRANCIS	CA	\$23.
05/17/18	DEAD MANS SMTCH DEADM +16164992122	HOLLAND	МІ	\$5
05/17/18	MSFT * E04005TGB6 0000 800-642-7676	MSBILLINFO	WA	\$12
05/18/18	LISTS FOR LESS squareup.com/receipts	Boston	MA	\$20.



"date": "2018-05-09",

CHATBOTS FOR WORKFLOW

We use chatbots to help clients automate routine tasks



iameswu 5:38 PM

@monjabot, please run credit facility report for yesterday



MonJa Bot APP 5:38 PM

Do you want it for a specific portfolio or the whole report?



jameswu 5:38 PM whole report



MonJa Bot APP 5:38 PM

Got it. Running Credit Facility Report from 2018-05-13 to 2018-05-23. Please give it a minute or two.



MonJa Bot APP 5:41 PM

uploaded this file .



Credit Facility Report - 2018-05-23.xlsx

2 MB Excel Spreadsheet