

THE UNREASONABLE EFFECTIVENESS OF PRODUCT SENSE

... IN DATA SCIENCE

BACKGROUND

- 1. Co-founder & CEO – Faros AI, a DevOps Automation Platform**
- 2. VP, Machine Learning Engineering – Salesforce Einstein**
- 3. Data Scientist – LinkedIn**
- 4. MBA, B.Sc. Computer Science – non-online schools**



MYTHBUSTERS

But for product managers

MYTH #1

**DATA PRODUCTS
ARE ABOUT
DISPLAYING DATA**

Dashboard

- ▶ Saved Reports
- 8 Visitors
- Traffic Sources
- Content
- Goals
- Ecommerce

Settings

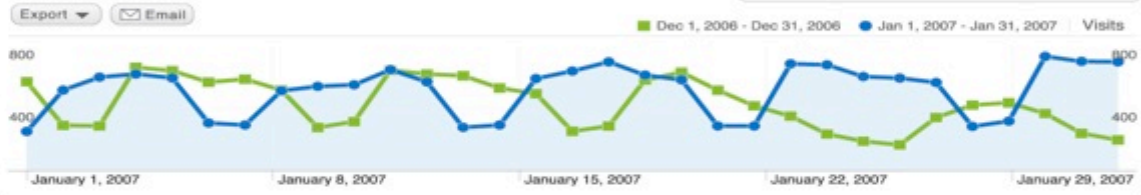
- Email

Settings

- Ⓞ About this Report
- Ⓞ Conversion University
- Ⓞ Common Questions
- Ⓞ Report Finder

Dashboard

Jan 1, 2007 - Jan 31, 2007



Site Usage



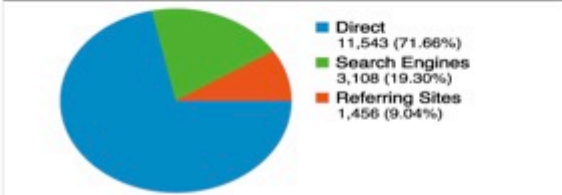
Visitors Overview



Map Overlay world

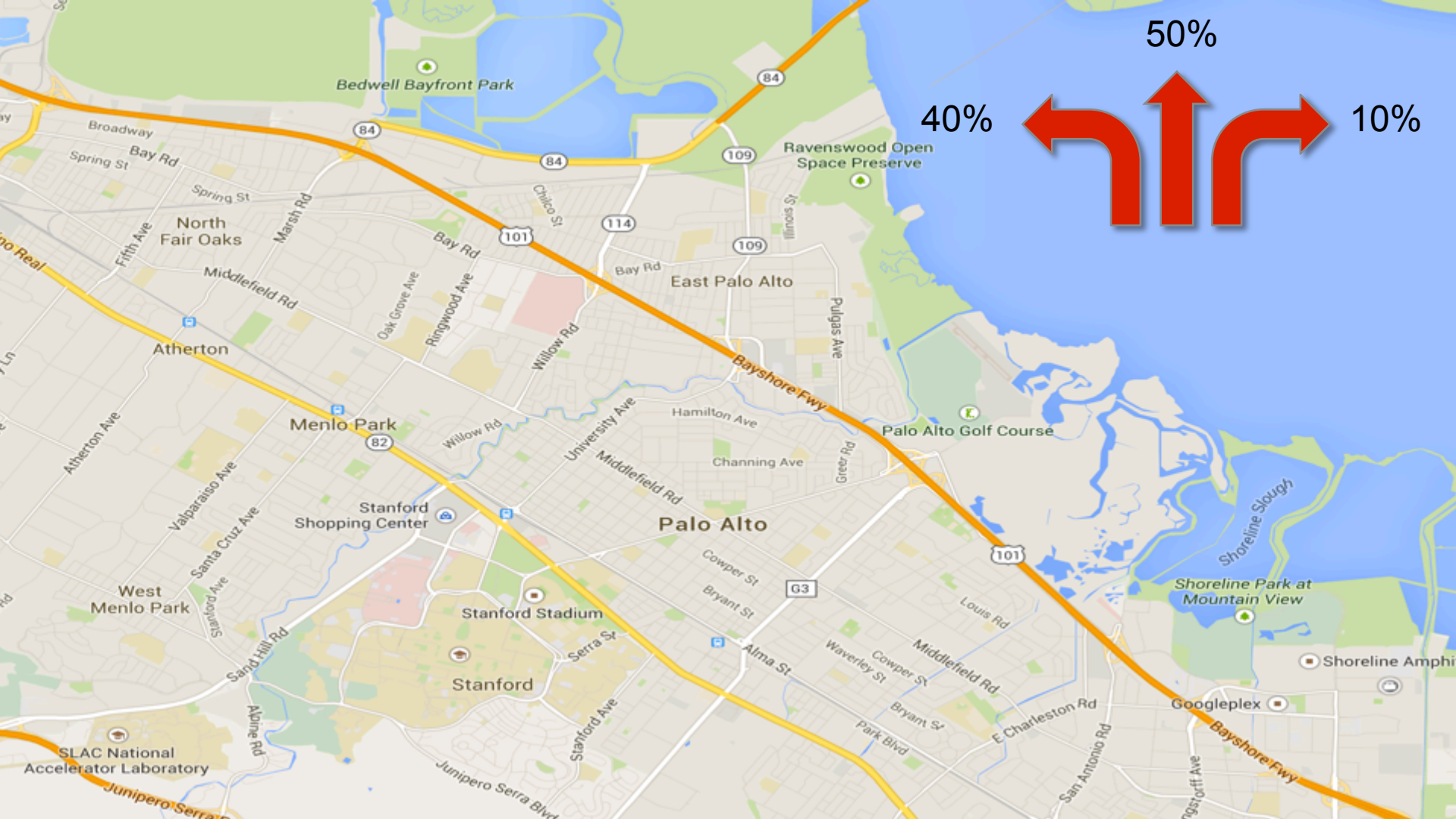


Traffic Sources Overview



Browsers

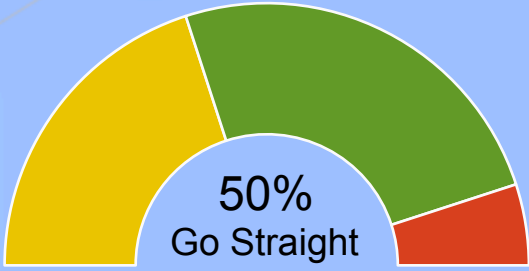
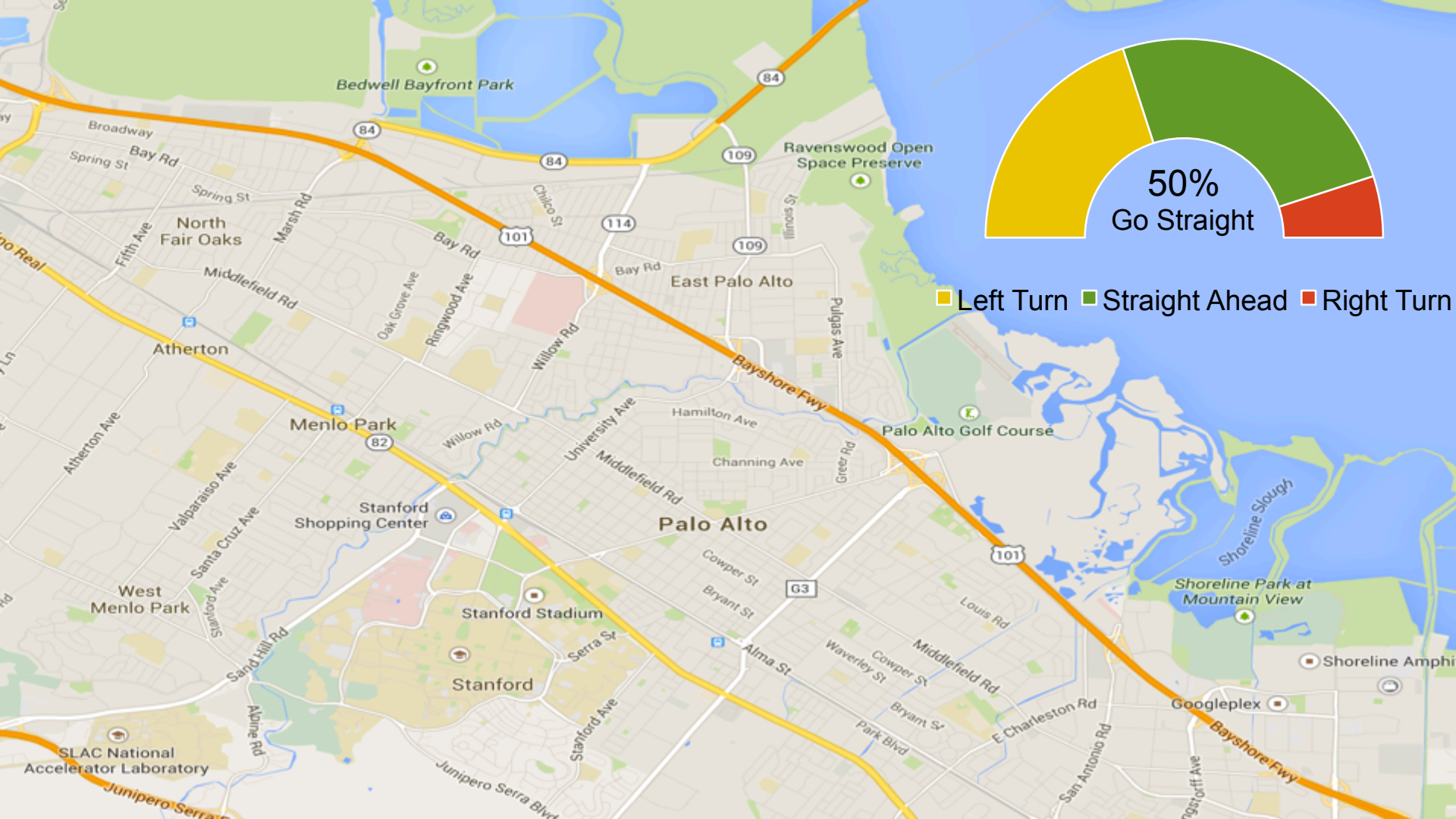
Browser	Visits	% visits
Internet Explorer	13,136	81.55%
Firefox	2,349	14.58%
Safari	393	2.44%
Netscape	116	0.72%
Opera	55	0.34%



50%

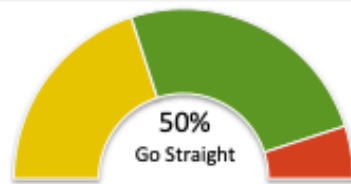
40%

10%



■ Left Turn ■ Straight Ahead ■ Right Turn

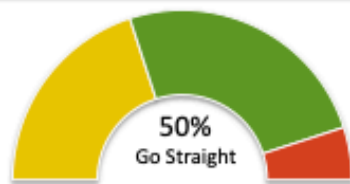
Live Traffic



50%
Go Straight

■ Left Turn ■ Straight Ahead ■ Right Turn

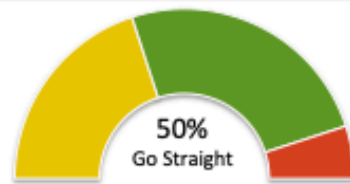
Weekend Traffic



50%
Go Straight

■ Left Turn ■ Straight Ahead ■ Right Turn

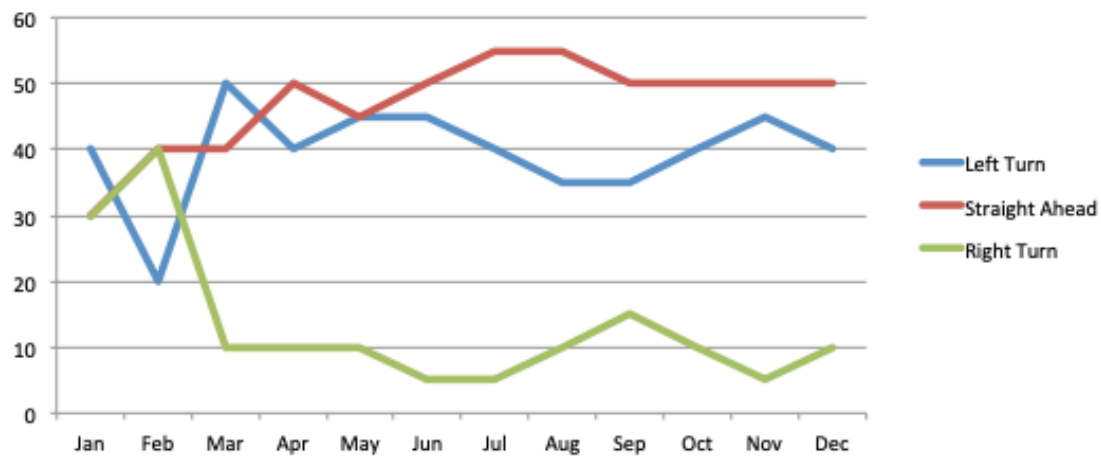
Weekday Traffic



50%
Go Straight

■ Left Turn ■ Straight Ahead ■ Right Turn

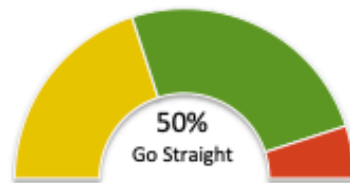
Monthly Breakdown



— Left Turn
— Straight Ahead
— Right Turn



Sunny

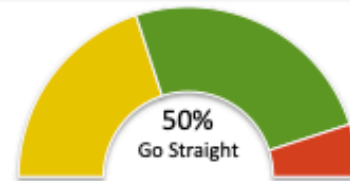


50%
Go Straight

■ Left Turn ■ Straight Ahead ■ Right Turn



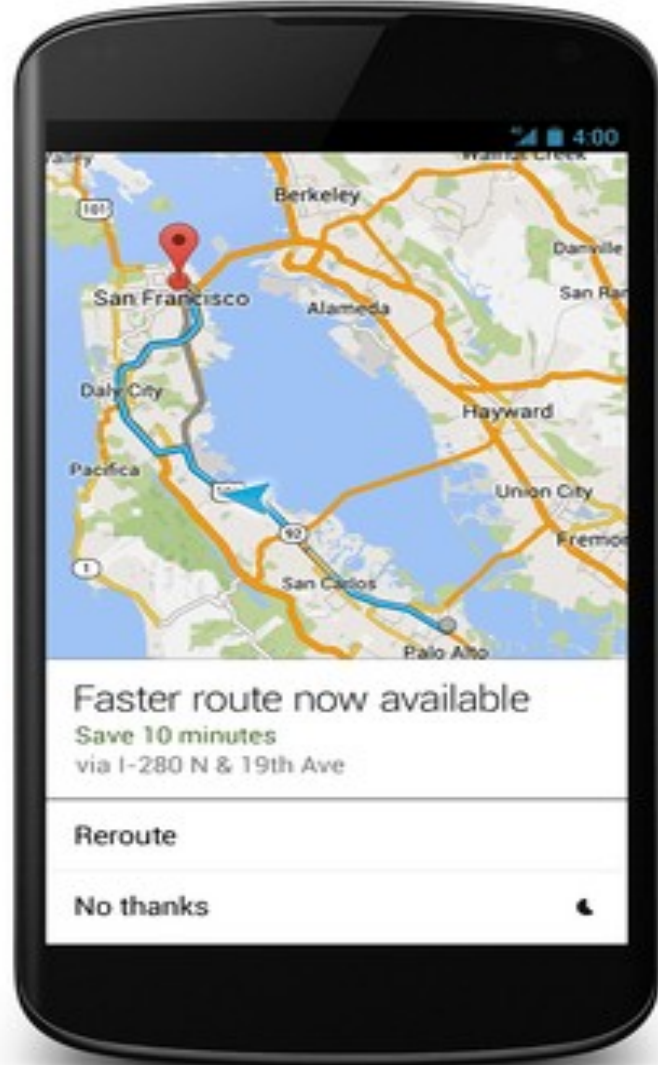
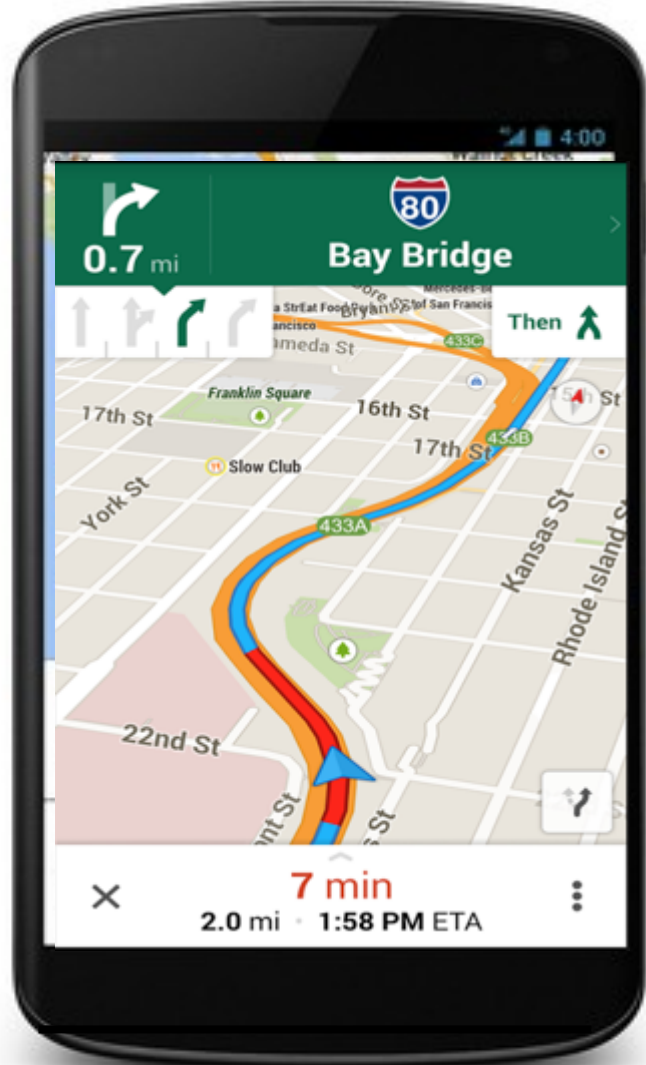
Rain



50%
Go Straight

■ Left Turn ■ Straight Ahead ■ Right Turn





MYTH #1

**DATA PRODUCTS
ARE ABOUT
DISPLAYING DATA**



MYTH #2

**USERS WILL
BEHAVE AS
EXPECTED!**



Ahmet Bugdayci

1st

Data Scientist at Salesforce

Mountain View, California | Computer Software

Previous LinkedIn, Purdue University, Google

Education Purdue University

Send a message

Endorse

500+ connections

★ Relationship

Contact Info

Connected 1 year ago

Background



Summary

Specialties: Information Retrieval, Machine Learning, Data Mining, Object Oriented Programming, Databases, Text Summarization



Experience

Data Scientist

Salesforce

October 2014 – Present (8 months) | San Francisco, Ca



Senior Data Scientist

LinkedIn

January 2012 – October 2014 (2 years 10 months) | Stierlin Court, Mountain View, CA



Ph.D. candidate

Purdue University

August 2008 – January 2012 (3 years 6 months)



Work with us at
Salesforce

Senior Data Scientist

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Software Engineering Manager, Au...

US - California - San ... [Apply now »](#)

Sr. Commodity Manager, Data Centers

US - California - San ... [Apply now »](#)

[Careers at Salesforce »](#)

People Also Viewed



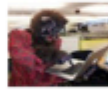
Leah McGuire

Senior Data Scientist and Engineer



Vitaly Gordon

Machine Learning ∩ Coding ∩ Business



Sal Uryasev

Data Werewolf



Shubha Nabar

Data Scientist



Ali Imam

Data Science and Analytics



Gloria Lau

VP of Data at Timeful



Aastha Jain

Senior Data Scientist at LinkedIn



Ashley Lynn Olson

3rd

Social Impact Manager at Alliance Residential Company

Phoenix, Arizona Area | Marketing and Advertising

Current Alliance Residential Company, ALO Marketing, My Home Group

Previous SocialWhirled, SkyMall, The Ryland Group

Education University of Wisconsin-Eau Claire

Connect

Send Ashley Lynn InMail



500+
connections



Contact Info



<https://www.linkedin.com/in/ashleylynnolson>



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3rd

Social Impact Manager at Alliance Residential Company
Phoenix, Arizona Area | Marketing and Advertising

Current Alliance Residential Company, ALO Marketing, My Home Group

Previous SocialWhirled, SkyMall, The Ryland Group

Education University of Wisconsin-Eau Claire



Connect

Send Ashley Lynn InMail



500+ connections



Contact Info

<https://www.linkedin.com/in/ashleylynnolson>

Background



Summary

I have been marketing my entire life. It is my happy place.

SKILLS & SERVICES:

- Digital Business Strategy, Analysis & Consultation
- Social Media & Content Strategy
- Audience Acquisition & Community Design
- Digital Product Brand & Identity
- SEO, Online Advertising, Blog Outreach
- Arizona Real Estate - Buying, Selling, Investing
- Ecommerce, Content Management, Marketing Automation
- Millennial Marketing
- Good Times

Specialties: Strategy, Social Media & Engagement, Creative Direction, UX, Content Strategy, Digital Advertising, Business Development, Data Analysis, Media, Marketing, Google Analytics, Future Studies and Predictions, Digital Sociology, Promotions, Client Relations, Account Management, Campaign Management, Problem Solving, Arizona Real Estate and changing things up.

My work has been published in Forbes, ABC News, NBC News, Huffington Post, BuzzFeed, Skift, Politico, Hacker News, and more.

Grow Your Career By Following
Alliance Residential Company



Shubha, get the latest on Alliance Residential Company Jobs, News & more!

+ Follow

People Also Viewed



Brenda Leonhardt
Territory Account Manager at EMC



Brynna Marnocha
Photography Intern at Green Bay Packers



Gladys Fattorini
Field Producer / Segment Producer at Arnold Shapiro Productions



Tylore Christensen
Application Lifecycle Management Enterprise Software Account Manager at HP



Melissa Bouma
VP, Audience Acquisition & Analytics at McMURRY/TMG, LLC



Lauren Reid
Senior Digital Account Manager at G/O Digital



Shannon Metzger
District Manager

MYTH #2

**USERS WILL
BEHAVE AS
EXPECTED!**

BUSTED

MYTH #3

**OPTIMIZE FOR
CLICKS**

Google

Google Search

I'm Feeling Lucky



Celeb Style Weekly

August 20 



You'll NEVER believe which two stars got into a fight on the red carpet last night!! CLICK to find out which starlet they were fighting over!! ---->
<http://bit.ly/1b7quT9>



Like · Comment · Share



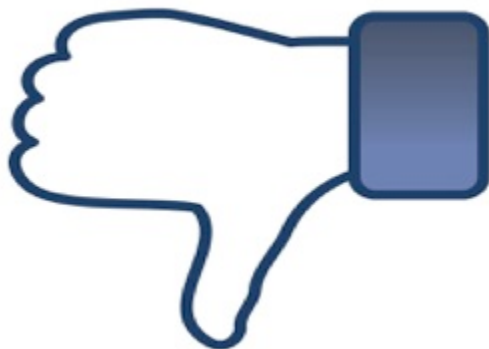
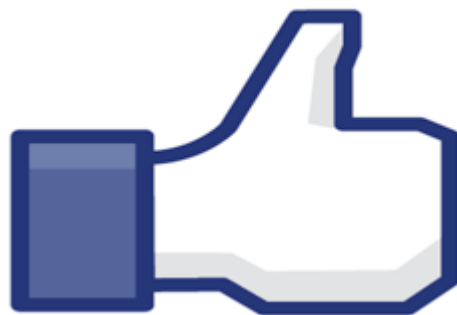
This Baby Girl's Reaction To The Worst Present Will Restore Your Faith In Mankind

"These are so beautiful!"



Brian Truong

posted on Jul 02, 2014



**LEFT UNCHECKED ALL
OPTIMIZATION LEADS TO
GAMBLING AND PORN**

UNKNOWN

MYTH #3

**OPTIMIZE FOR
CLICKS**



BUSTED

MYTH #4

**COMPLEX
ALGORITHMS BEAT
SIMPLE ALGORITHMS**

FB Comments

New content, not reviewed

Cynthia Lingley-Boudreau 17h
In the market for a new tent ... We are a family of 4 ... Want something light and easy to assemble... Do you guys have anything popular this year?

New content, not reviewed

Tanya Sparkes 18h
When are you launching your 2014 tent collection? Will they be in your catalog or website?

New content, not reviewed

Chris Childs 1d
Normally by now, you launch your line of 2014 tents, any updates?

New content, not reviewed

Chris Childs 3d
Hey guys, it's been 3 weeks since I ordered my replacement tent poles and still nothing. Are you having issues with your online ordering system?

New content, not reviewed

Northern Trail Outfitters 10d
You're in the middle of nowhere with a tent. What do you prefer? The sound of nature OR do you bring music with you?

Northern Trail Outfitters 1d

@mentons Twitter

NTOutfitters @NTOutfitters 4h
It's finally looking a little more summer like. [#NTO #SALE](http://bddy.me/lkOjQ5v) <http://t.co/oh4q1Zc8a7>

NTOutfitters @NTOutfitters 13h
Can you smell summer in the air? Looks like everyone is ready to kick off the camping season! <http://t.co/AB1L2xKn6o>
Retweeted by Sarah Carver

Al Sturgeon @greatbigal 17h
@NTOutfitters great timing, hope you have a great expandable line coming, that can also keep out the bugs.

NTOutfitters @NTOutfitters 17h
New Tents being launched this week.
Retweeted by Al Sturgeon

ConnectedCompany @connxustcompany 17h
@NTOutfitters just in time. I ripped mine doing some ice-cave mountaineering, how is your warranty?

NTOutfitters @NTOutfitters 17h
New Tents being launched this week.
Retweeted by ConnectedCompany

NTOutfitters 17h

Published on Facebook

Northern Trail Outfitters 7h
Spring is here!

Northern Trail Outfitters 4h
Check out this video: How to Fit a Backpack - Eastern Mountain Sports Spring has sprung! Pack your bag today! How to Fit a Backpack - Eastern Mountain Sports <http://ow.ly/a6EJM> - Learn how to properly fit a backpack with Dave and Abbey at Eastern Mountain Sports.

Northern Trail Outfitters 4h
What's your favorite camping treat?

Northern Trail Outfitters 5h
You stumble upon this guy on your morning hike. Thankfully, you're wearing a great pair of hikers, so your getaway footwear is solid, but what do you do next?

Northern Trail Outfitters 12h
Let's check out Yosemite this weekend, shall we? <http://www.yosemite.com/> Yosemite.com Yosemite.com is the most trusted online resource for Yosemite National Park. We offer information on lodging, camping, activities and other discounts. Plan your next visit and activities today.

New content, not reviewed

Cynthia Lingley-Boudreau 17h

Post Inspector

Main Macros Notes (4)

Tanya Sparkes 5/4/2014, 7:48 PM
When are you launching your 2014 tent collection? Will they be in your catalog or website?

Status: New content, not reviewed
Priority: High
Assignment: Amy
Sentiment: Neutral
Classification: None
Post Labels: Add Label



eddie Russell @theeddiesoi · Apr 17

@KLM_UK kids just back from Amsterdam KLM totally ruined the trip paid 3 times for the same suitcase KLM were rude and unhelpful

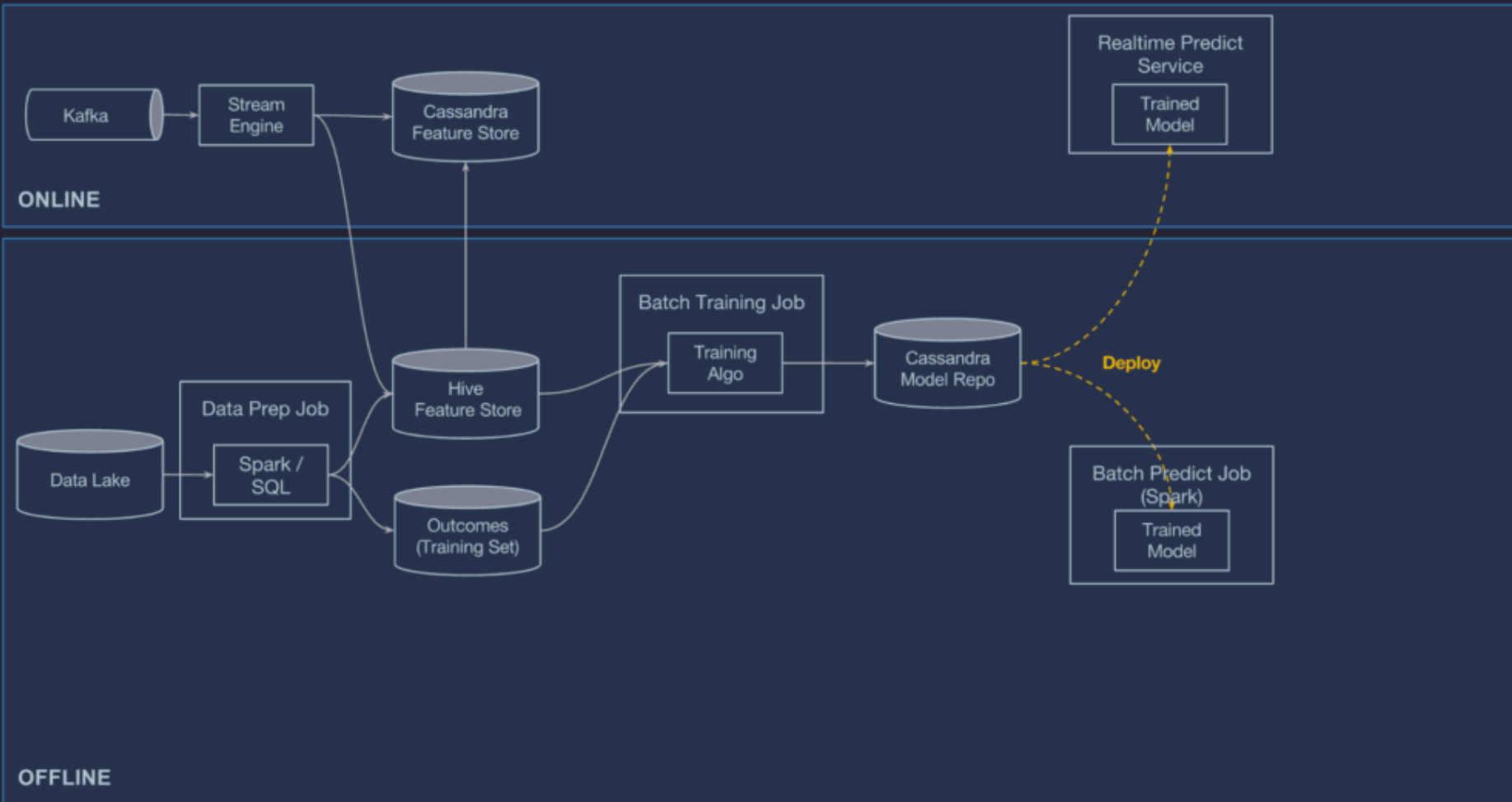


GET DATA

TRAIN MODELS

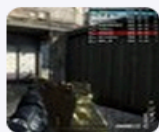
EVAL MODELS

DEPLOY, PREDICT & MONITOR



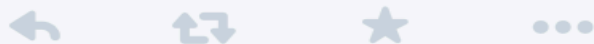
ONLINE

OFFLINE



eddie Russell @theeddiesoi · Apr 17

@KLM_UK kids just back from Amsterdam KLM totally ruined the trip paid 3 times for the same suitcase KLM were rude and unhelpful



KLM UK @KLM_UK · Apr 17

@theeddiesoi Thank you for sharing your story with us, Eddie. Can you share the booking code with us via **Direct Message**? We would >>

2:08 PM - 17 Apr 2015 · Details



[Hide conversation](#)

MYTH #4

**COMPLEX
ALGORITHMS BEAT
SIMPLE ALGORITHMS**



MYTH #5

**USERS WANT TO
CONFIGURE THINGS
FOR THEMSELVES**

**Web**

Images

Videos

News

Books

More ▾

Search tools

About 172,000,000 results (0.33 seconds)

Welcome to Python.org

<https://www.python.org/> ▾ Python ▾

Official site for the interpreted, interactive, object-oriented, extensible programming language. Includes news, documentation, free downloads, and developer ...



Download

Python 2.7.9 - Python2orPython3 -
Python 3.4.2 - Python 2.7 - ...

The Python Tutorial

1. Whetting Your Appetite - List
comprehensions - 9. Classes - ...

Python 3.4.3 documentation

The Python Tutorial - What's New In
Python 3.4 - Python HOWTOs

Python Documentation Index

Python - Version - PythonPeriodicals -
...

Windows

Latest Python 2 Release - Python
2.7.9 · Latest Python 3 Release ...

Getting Started

BeginnersGuide/Download - Python
IDE - IntroductoryBooks

Python (programming language) - Wikipedia, the free ...

[en.wikipedia.org/wiki/Python_\(programming_language\)](en.wikipedia.org/wiki/Python_(programming_language)) ▾ Wikipedia ▾

Python is a widely used general-purpose, high-level programming language. Its design philosophy emphasizes code readability, and its syntax allows ...

[Guido van Rossum](#) - [History of Python](#) - [High-level](#) - [CPython](#)



About 9,810,000 results (0.37 seconds)

Images for python snake

Report images



More images for python snake

Pythonidae - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/Pythonidae ▾ Wikipedia ▾

The Pythonidae, commonly known simply as pythons, from the Greek word Python are a family of nonvenomous (though see the section "Toxins" below) snakes ...

[Geographic range](#) - [Conservation](#) - [Behavior](#) - [Feeding](#)

Python (genus) - Wikipedia, the free encyclopedia

[en.wikipedia.org/wiki/Python_\(genus\)](http://en.wikipedia.org/wiki/Python_(genus)) ▾ Wikipedia ▾

Python, from the Greek word (πύθων/πύθωνα), is a genus of nonvenomous ... A member of this genus, *P. reticulatus*, is among the longest snake species and ...

Snake Facts - Pythons - Kidzone

www.kidzone.ws/lw/snakes/facts-python.htm ▾

Being closer to people means that not only will the snakes hunt the livestock (pigs, goats, ... This means that a python may only need to eat 4-5 times a year!

King Cobra Vs Python snake - YouTube

www.youtube.com/watch?v=WhM9wnoTrVk ▾

Nov 10, 2013 - Uploaded by INDIAN INDIA KERALA VIDEOS
there is neither a king cobra nor a python in this video. those two snakes are not found in india at all. they ...

Python family

Snake

The Pythonidae, commonly known simply as pythons, from the Greek word Python, are a family of nonvenomous snakes found in Africa, Asia and Australia. Among its members are some of the largest snakes in the world.

[Wikipedia](#)**Scientific name:** Pythonidae**Rank:** Family**Higher classification:** [Alethinophidia](#)**Lower classifications:** [Liasis](#), [Antaresia](#), [Python](#), [Morelia](#), [Aspidites](#)[Feedback](#)

See results about

[Python \(Snake\)](#)**Lower classifications:** [Python curtus](#), [Python brongersmai](#)**Scientific name:** Python


**ANY SUFFICIENTLY
ADVANCED TECHNOLOGY IS
INDISTINGUISHABLE FROM
MAGIC**

ARTHUR C. CLARKE

MYTH #5

**USERS WANT TO
CONFIGURE THINGS
FOR THEMSELVES**



A man with short, light-colored hair is shown from the chest up. He is wearing a dark blue polo shirt and has his hands clasped together in front of him. He is looking down and to the right with a slight smile and closed eyes, suggesting a moment of gratitude or reflection. He is wearing a watch on his left wrist. The background is dark with some vertical light elements, including a purple and an orange vertical bar, and a row of small warm lights in the distance.

Thank you so much.

QUESTIONS?

YOU CAN FIND ME IN OFFICE HOURS