



# Camp Overview

Andy Konwinski



# AMP Camp Vision: Drive Impact

- Learn from practitioners what their pains are, which features to research and build
- Get more people using the BDAS stack
- Hands-on! Exercise session on EC2
  - People online can do exercises themselves
  - Archived videos and exercises

# Agenda Overview

- <http://ampcamp.berkeley.edu/agenda>
- Slides will be uploaded shortly after talks

# Day 1 – A day in the life of Big Data Analytics

- Warehouse-scale computing - Ion Stoic
- Parallel programming with Spark - Matei Zaharia
- Structured Data with Hive and Shark - Reynold Xin
- Machine Learning - Ariel Kleiner & Tamara Broderick

# Hands-On EC2 Exercises

- From summary statistics at the command-line to advanced clustering algorithm (K-means)
- Small 4-node EC2 cluster
- ~10GB Wikipedia Data
- 8 Student “Instructors” to answer questions
- Piazza.com online class for archiving Q&A

# Big Data Reception

- Tonight 6:30 – 8:30
- Wozniak Lounge – Across Street in Soda Hall
- Eat, Socialize
- Everybody invited

# Day 2 – Advanced Topics


- Crowdsourcing (Tim Kraska)
- Advanced Spark Features (Matei Zaharia)
- Spark Python API (Josh Rosen)
- Spark Streaming (Tathagata Das)
- Managing Twitter clusters w/ Mesos (Benjamin Hindman)
- Carat – Collaborative Energy Debugging (Adam Oliner)
- Spark User Applications
  - Conviva (Dilip Joseph)
  - Quantifind (Erich Nachbar)
  - Mobile Millennium (Tim Hunter)

# AMP Camp is Popular


- Sold out in-person attendance quickly with very little marketing
- Decided to promote live streaming
  - Made front page of slashdot and hackernews



# AMP Camp is Popular




**Tim O'Reilly** ✓  
@timoreilly

[Follow](#) 

.@amplab's big data camp, AMPcamp, will be  
livestreamed, Aug 21-22. Details  
[bit.ly/OGF1JS](http://bit.ly/OGF1JS) AMP=Algorithms, Machines,  
People

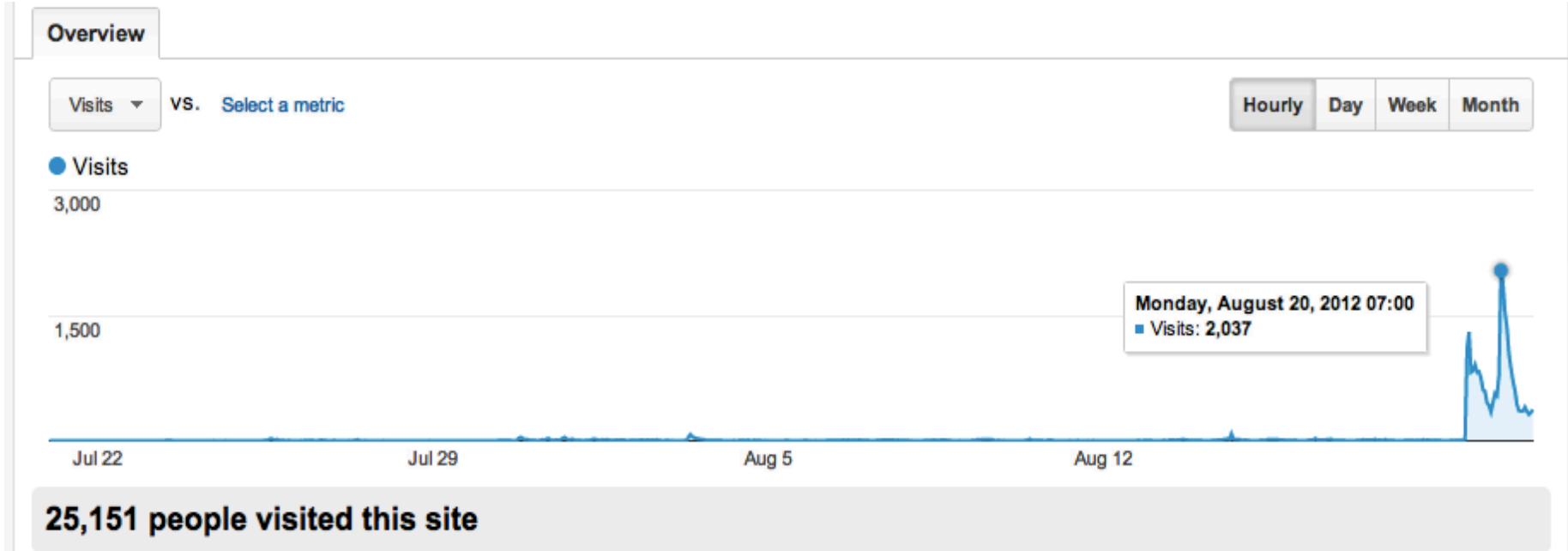
[Reply](#) [Retweeted](#) [Favorite](#)

---

<b>17</b> RETWEETS	<b>11</b> FAVORITES	
-----------------------	------------------------	---

8:08 AM - 20 Aug 12 via TweetDeck · [Embed this Tweet](#)

# AMP Camp is Popular



# AMP Camp is Popular

Edit form - [ AMP Camp Live Streamin

 <https://docs.google.com/spreadsheet/gform?key=0Aj2sNEaz>

[« Back to editing](#)

**4480** [responses](#)

---

**Summary** [See complete responses](#)



Thanks for coming  
Have a great time!

