Camp Overview

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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](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

@amplab's big data camp, AMPcamp, will be livestreamed, Aug 21-22. Details bit.ly/OGF1JS AMP=Algorithms, Machines, People
AMP Camp is Popular

25,151 people visited this site
AMP Camp is Popular

4480 responses

Summary See complete responses
Thanks for coming
Have a great time!