



Scaling Self Service Analytics with Databricks and Apache Spark

Dan Morris & Amelia Chu
Viacom

WANTED



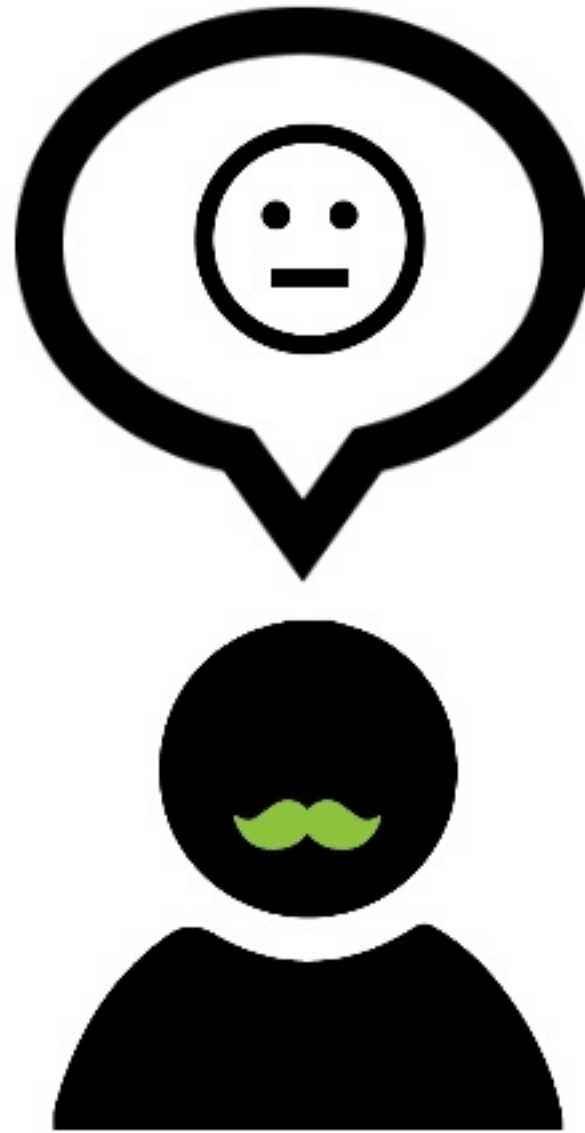
Cash Reward if Found

Recent Sightings

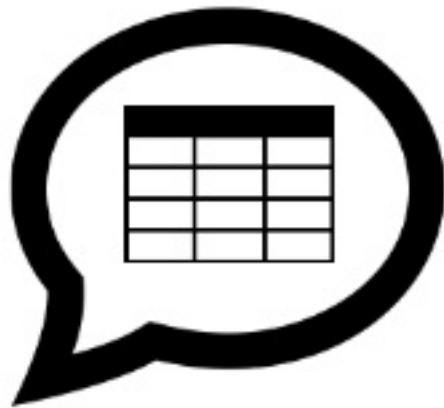
- 9:00 AM As a Data Scientist
- 11:00 AM As a Data Engineer
- 1:00 PM As a Business Analyst
- 3:00 PM As a DevOps Engineer



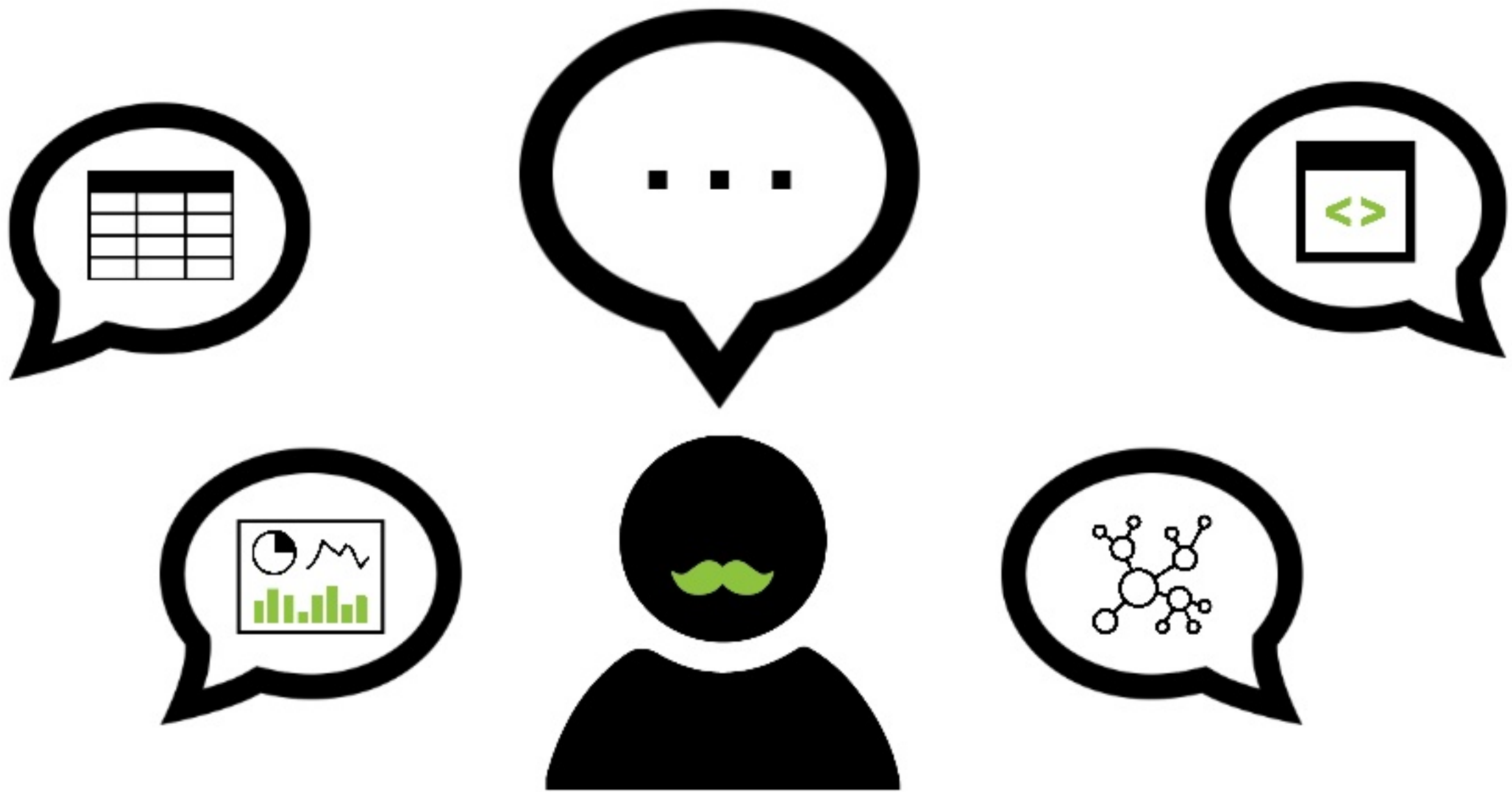




DATA ENGINEER



DATA ENGINEER



DATA ENGINEER



DATA ENGINEER



NON-TECHNICAL



DATA SCIENTIST



DATA ENGINEER

SINGLE PLATFORM



databricks™



SELF-SERVICE



WEEKNIGHTS 11/10c



[FACEBOOK](#) [TWITTER](#) [EMAIL](#)

THE DAILY SHOW WITH TREVOR NOAH

EXTENDED - JUNE 1, 2017 - AL FRANKEN

President Trump withdraws the U.S. from the Paris climate accord, Jim Jefferies weighs in on the White House's woes, and Senator Al Franken discusses "Giant of the



UP NEXT

FAN FAVORITES



PARAMETERIZED
DASHBOARDS

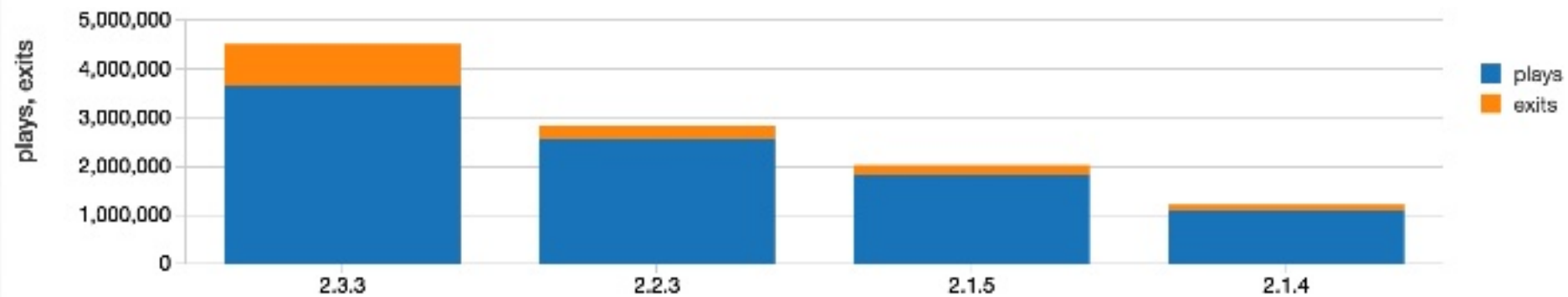
```
def ttff(specs): ...  
def vpi(specs): ...  
def rebuffer(specs): ...  
def rendition(specs): ...  
def ad_play(specs): ...
```

UDF
LIBRARY

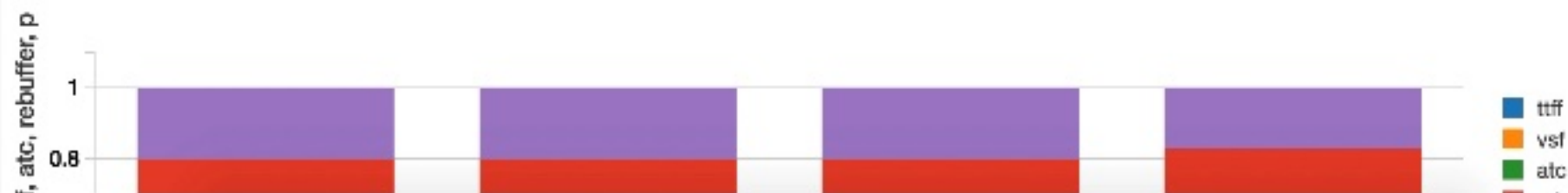
Video Performance Measurement

1_slices : playerversion 2_filters : 2a_playerVersion :
2b_browser : 2c_platform :

Attempts, Plays and Exits



Breakdown of Poor Experiences



Email Support



PARAMETERIZED
DASHBOARDS



NON-TECHNICAL



DATA SCIENTIST

```
def ttff(specs): ...  
def vpi(specs): ...  
def rebuffer(specs): ...  
def rendition(specs): ...  
def ad_play(specs): ...
```

UDF
LIBRARY



DATA SCIENTIST



DATA ENGINEER

FOUND



databricks™

A SINGLE PLATFORM



Thank You.

Questions? Feedback? Drop us a line!

dan.morris@viacom.com // [@danmorris427](https://twitter.com/danmorris427)

amelia.chu@viacom.com // [@amelianchu](https://twitter.com/amelianchu)