



431,000

The number of people injured from distracted driving in 2014.



What features in a scene are correlated with distraction?



DISTRACTIONS

Who cares?





DISTRACTIONS

Who cares?

Market:



OLVO

ERADATA







Tools:



ERADATA



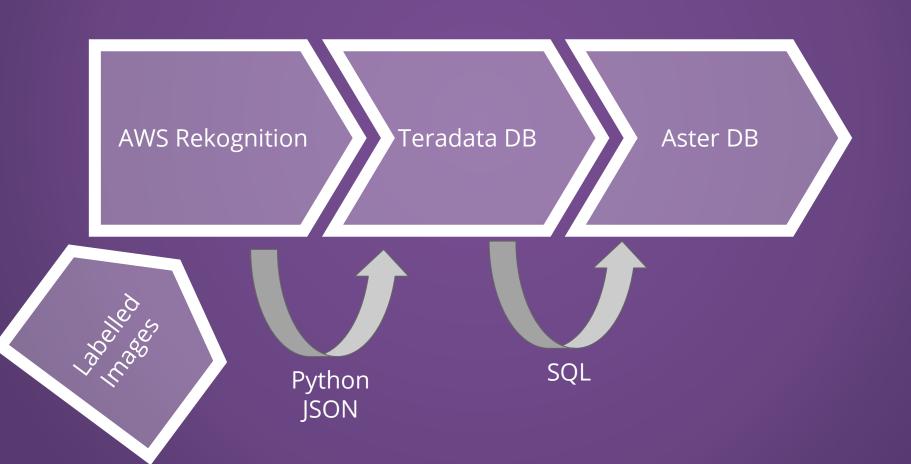




THE PLAN

AWS Rekognition Teradata DB Aster DB

THE PLAN



GETTTING DATA

Labelled Dataset from Kaggle (StateFarm Competition)
20,000 Images

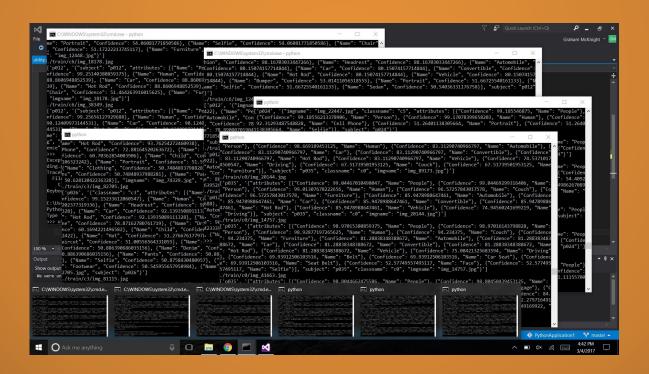






AWS Rekognition

Uploaded using Python scripts More Python scripts to get several requests simultaneously



Teradata Database

First converted JSON from Rekognition to CSV (Python)
Reformatted to sort by Rekognition tags
Removed least common tags (Potted plant, Whale, Lingerie...)
Uploaded data to Teradata DB

Aster Analytics

At first we saw a lot of error messages...



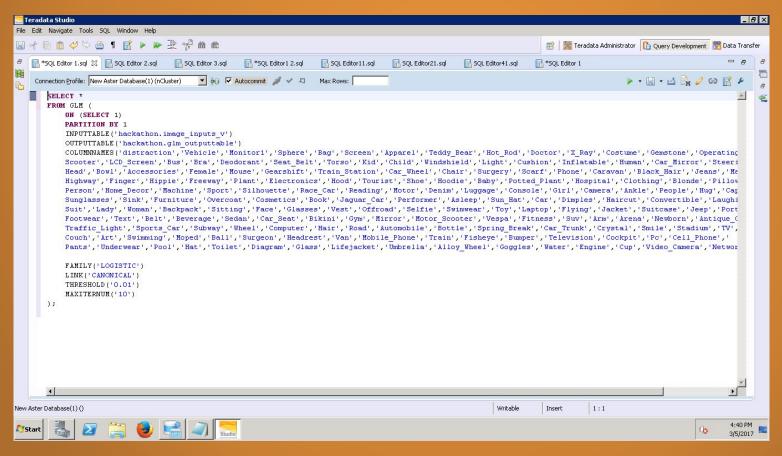
To log on to this remote computer, you must be granted the Allow log on through Terminal Services right. By default, members of the Remote Desktop Users group have this right. If you are not a member of the Remote Desktop Users group or another group that has this right, or if the Remote Desktop Users group does not have this right, you must be granted this right manually.



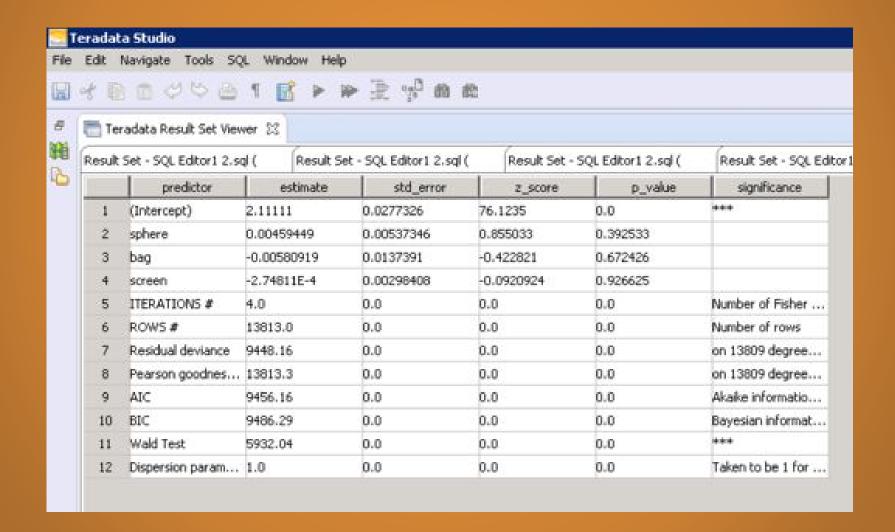


Aster Analytics

But ended up getting GLM working!



Aster Analytics



Credits: TERADATA





Team TERALEXA

Credits: TERADATA





Team TERALEXA

Credits:

Team XPRESSION:

Graham

JSON

Melissa

Luyanda

Andrew

Karan

Tam

Images and Presentation Templates:

mlive.com

CarnivalSlides.com

BusinessInsider.com



