

Project presentation outline

- Problem statement – 1 slide (Riky)

High level solution:

- Data Warehouse Tools (Paul)
 - Top level diagram
 - Hadoop – Main file system
 - Hive – query language
 - Hue – Web Interface to Hadoop
 - NiFi – maybe

Details on the tools:

- Setup/Infrestucture (Stuart + Riky + Paul)
 - Top level diagram
 - EMR
 - S3 bucket
 - Cost
 - supporting tools
 - FoxyProxy
 - OpenSSH (ssh key-gen -rsa ...) (Riky)
 - PuTTY (Riky)
 - Linux + AWS CLI
- Data collection – 2-4 slides (Paul/Stuart)
 - Financial
 - Twitter
 - Note features, structure, **some great visual!**
- Database Schema (All)
 - Need to make a proposal
- Current Status (Riky)
 - Nice table of milestone (checkmarks, etc.)
 - Milestone/checkpoints
 - Infre Setup
 - Data collection
 - Integrating sample data into Hadoop
 - Build the database
 - Integrate all tools Hadoop + Hive + NiFi + Hue
 - Processing the data to solve problem statement
 - Final Paper + Final Presentation