Project 2 Proposal – Team 1

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COVID-19 Analysis

The MVP will have the following features:

* Scala/Spark app allowing.
* Users can login into the system using encrypted password.
* Users will have activities limited by their level
* Users will be able to run the queries using the CLI interface.
* Users’ management thought app.
* Use tableau to visualize results and analyze trends.

Queries:

1 –

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Stretches:

* Use encrypt passwords and user levels (Admin/Basic).
* Use Tableau for visualization.
* Store results in AWS or Azzure.

General Schema

COVID -19

Dataset

COVID + 19

Sanitized Dataset

AWS/Azzure

Query Results

CLI APP

-Manage Users

-Execute Queries

Tableau

(Visualize Results)

MySQL

(Users and Support Tables)