G–SUITE METRICS

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By: Advisor:

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INTRODUCTION:

DATA DESCRIPTION:

Our G-suite metrics data set from ITS at UNCG. It gives us information about G-suite services usage, for all the users across an entire domain. Here the data is collected for the UNCG users that is automatically pulled into Splunk from Google. Some of the G-suite services include Google Accounts, Google Calendar, Google Hangouts, Gmail, Google+, google drive/docs, Chrome OS devices, Google sites, Mobile devices google applications etc. The information is organized by application type which composed of parameters specific to that application.

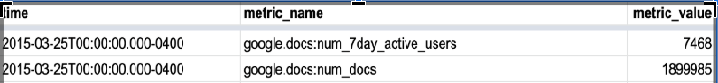
If we consider the data set it is in .CSV format. The data set size is 611,914 rows.

The date is collected from March 23rd , 2015 to August 17th, 2019. It has three attributes:

Time - The day for which the data is collected. (format: yy-mm-dd hr:min:sec:msec)

Metric\_Name - it is name of the google service used with their parameter.

Metric\_Value - It is no. of. users the metric has on that day.



GOALS OF PROJECT:

OUTLINED TASKS:

**Lavanya Goluguri** – My task is to clean the data further and to analyze the data trends in the number of users and the metrics over period of months, In short Month by Month analysis on data. This allow me to identify the anomalies and predict trends. Helps in visualization as well.