|IS 608: KNOWLEDGE & VISUAL ANALYTICS - PROJECT PROPOSAL | Data Analytics

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## Aim:

The goal of this project is to:

* Show the merit and demerit of visual analytics on data analysis, and how to improve it.
* Make the graphical image(s) tells the story in an unambiguous way, understandable to a layman!
* Apply the knowledge learned in class to real live situation.

## Methodology:

The project would lay more emphasis on the explanatory techniques. It will be used in making data presentation to the viewers in a more succinct way. I therefore plan to use the R programing language to explore and analysis the dataset.

The dataset to be used is the January 2017 of the New York City flight dataset. This can be obtained from <https://www.transtats.bts.gov/DL_SelectFields.asp?Table_ID=236> .

## Tool Used:

* Rshiny
* Plotly

## Packages Used:

* Plotly
* Knitr
* Dplyr
* Plyr
* Reshape2
* Ggplot2
* Graphics
* Ggthemes
* Shiny
* Shinydashboard etc