# Analytics Knowledge Manager

## Webpage

A webpage to be designed using Rshiny dashboard. This webpage would act as a single point dashboard containing details regarding the required libraries or packages, functions called and defined in a particular code, data sources along with some of the other information which will help ease the knowledge transition.

## Hierarchy

Hierarchy represents the order of function calls from a particular R program which makes it handy for a person going through the gigantic codes for the first time to establish a connection through all the pieces of code. It will be represented as a tree or organization chart.

## github repositories

The input mode being set is the GitHub repositories where a GitHub URL will be provided which will contain the code files to be parsed and the details will be then determined.

## multiple files

An additional feature would be an ability to add multiple files from different folders at the same time to the algorithm to be included on the same dashboard.

## report generation

A report will be generated within a defined interval of time for the required code inputs to generate an updated dashboard to integrate the changes that might have occurred in the code files within that period.

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