Idea/Approach Details

Technology Bucket: Software - Web App development

Category: Software

Ministry Name: Min. of Statistics & PI

Problem Code : KK3

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Preparation of Dashboard for National Accounts

For representing government statistics in an interactive way, we have tried building a dashboard where each user can view a file in four types of graphs. The prototype is live on web at
http://dashboardtry.herokuapp.com/
Main idea behind building four graphs for each data file was to make it convenient for the user to understand the statistics. The dashboard consists of dataset in the form of tables also so that the user can easily view the data and could use it for further work.
Dashboard contains tabs and dropdowns . On selecting any of the file we will be redirected to another page where the category of the respective data would be required and hence the graph would be presented. We have made our webapp more versatile using bootstrap which makes this dashboard presentable even from mobile phones and the programme does'nt get breakdown. So that the user do not always have to carry a laptop to analyse the data.

Development: Flask
Technology used: Python, JavaScript, Bootstrap,Jquery.
Temporary Deployment : Heroku
Future deployment:Amazon Web Services or Azure
Database: created using excel sheets
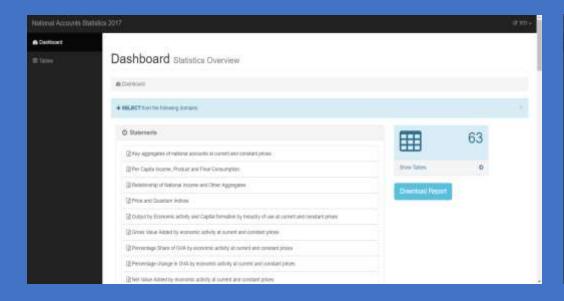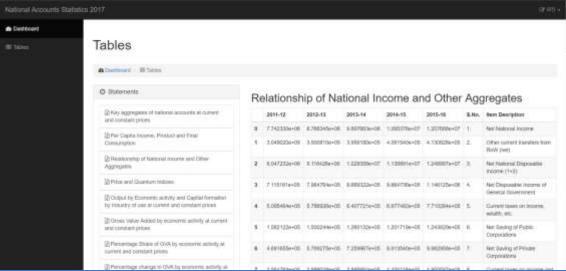Future database to be used: Nosql,Mongodb

Use Cases:
Actors: PUBLIC, Govt databases
Graphs are being implemented
Data can be analyzed.
Tabular data can be seen.

Dependencies :
DATABASE where all the excel files are stored and python.

SNAPSHOTS:

VARIOUS INTERACTIVE GRAPHS OF SAME DATA AT CURRENT AND CONSTANT