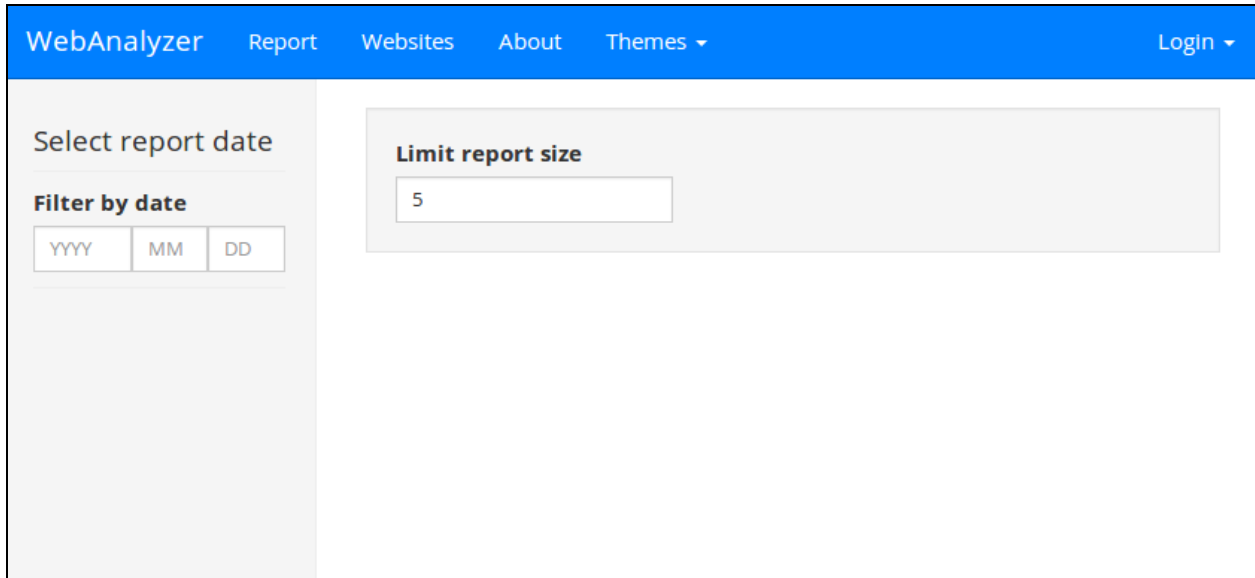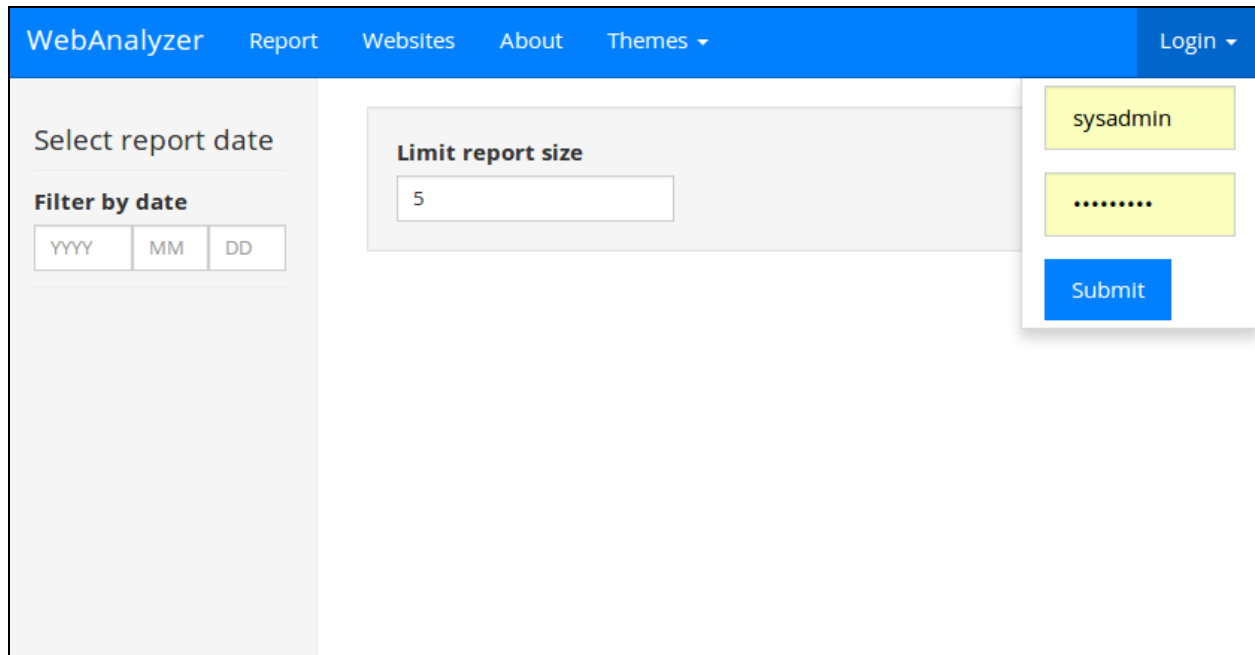# WebAnalyzer

User Guide

The front page

By default, the report page will be the landing page when user is accessing the application. The default local address is http://localhost:9090. The application is also available online at http://web-analyzer.herokuapp.com.
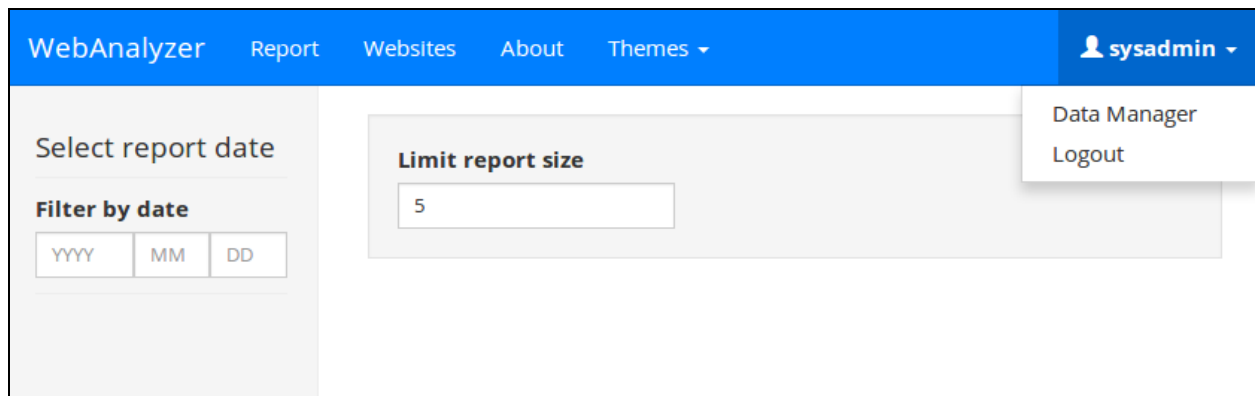

Login

In order to upload some data, a user is required to log into the system. Simply click on the login link on the top right corner. Enter the username **sysadmin** and password **asdf1234!** into the login form and click submit or press enter.

The username 'sysadmin' will replace 'Login' word to indicate the user is logged in. Once logged in, user now can access the Data Manager through the menu under the user's account.

Uploading data

Data manager will allow user to upload a set of data into the application. Acceptable format of data is *.csv and the string should be formatted as below:

date|website|visits
2013-01-06|www.bing.com|14065457
…

Uploading a file

Simply click on the Choose File button to choose a file to upload. The file information will be displayed before it is uploaded. User can click on the upload button in order to initiate the file uploading.

A successful upload will receive a green message, and the data will be populated immediately.

Now user can go to report page to view the reports. The report dates are displayed on the left side of the page. By selecting a date, the report for that particular date will be displayed. There are two types of report, the first one is chart.
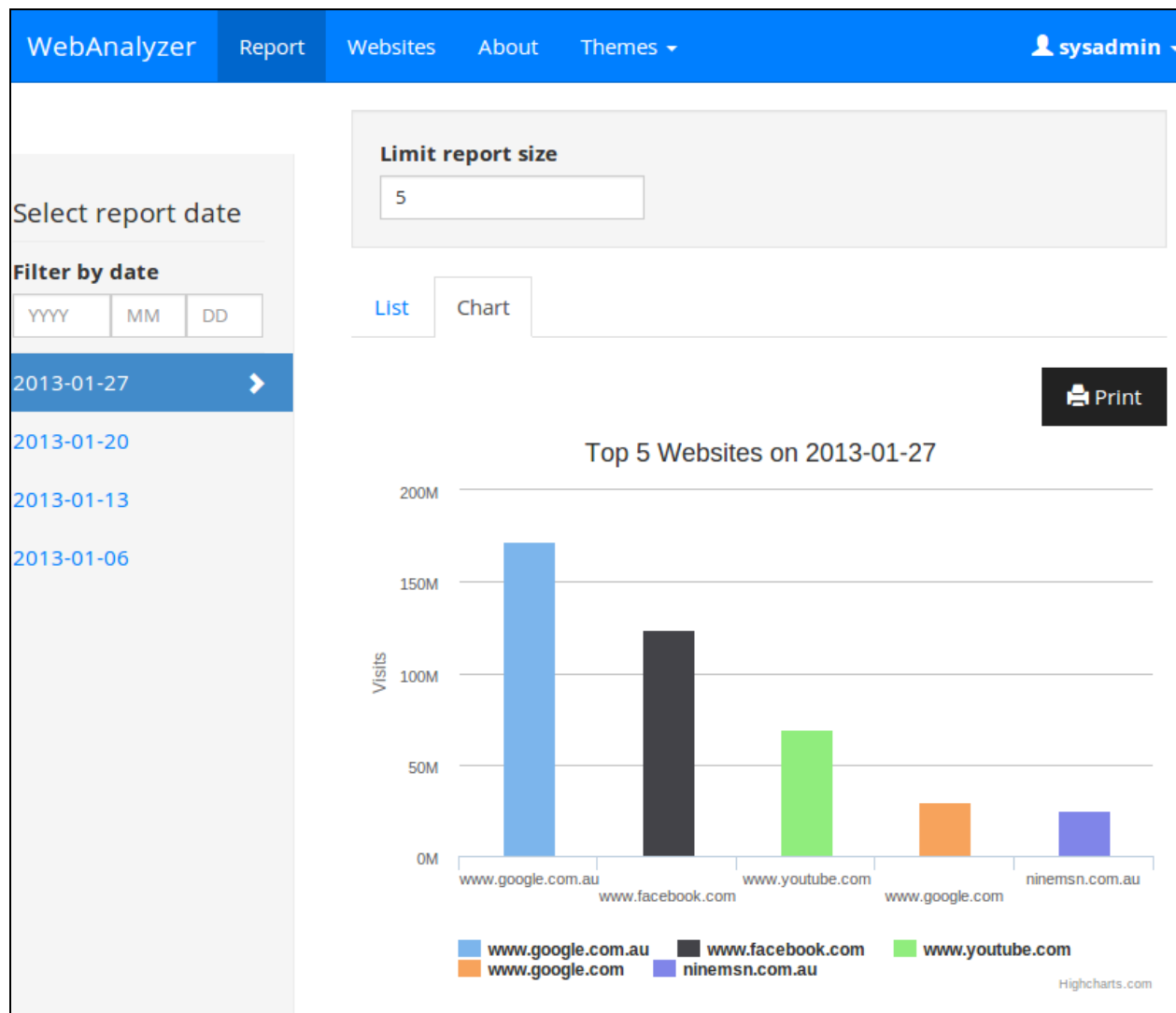
The other is a list report shown by clicking on the list tab menu.
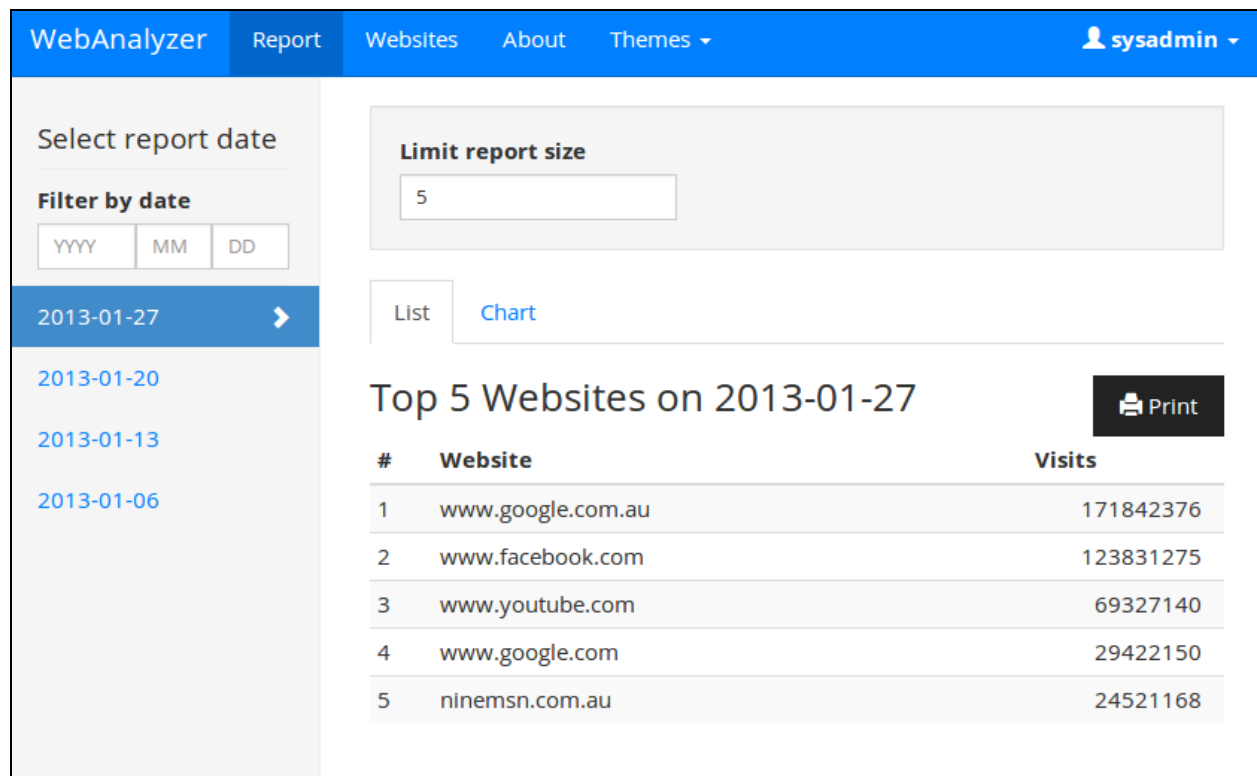
At the top of the report page there is an input box with label "limit report size". This is for user to control the size of the report. The maximum number allowed is 100. Changing the value will update the report, list and chart immediately.
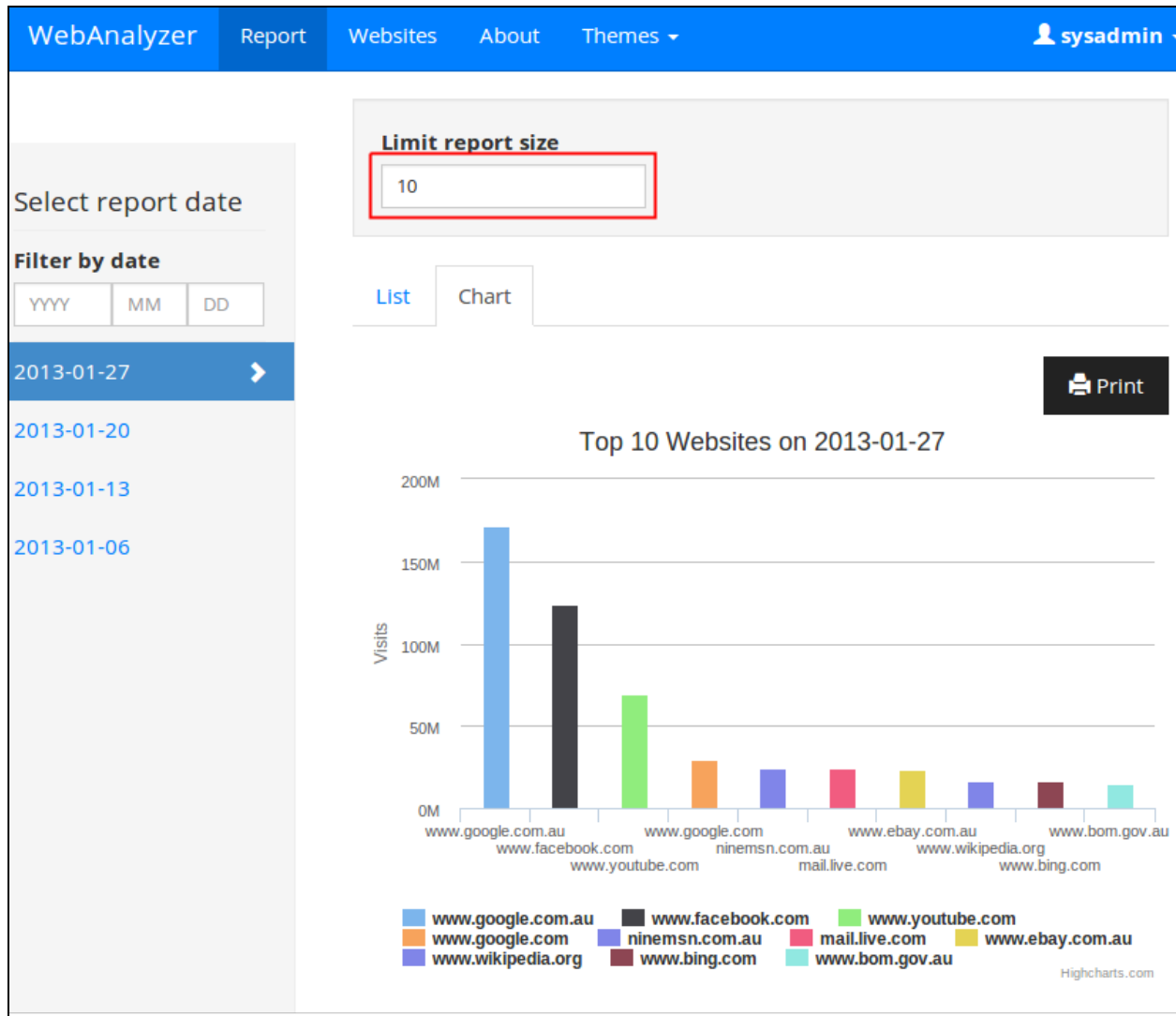
There is also a function to filter the report dates to make the searching easier. Simply enter year, month or date into the input boxes, and the date list will be updated accordingly. The search mechanism here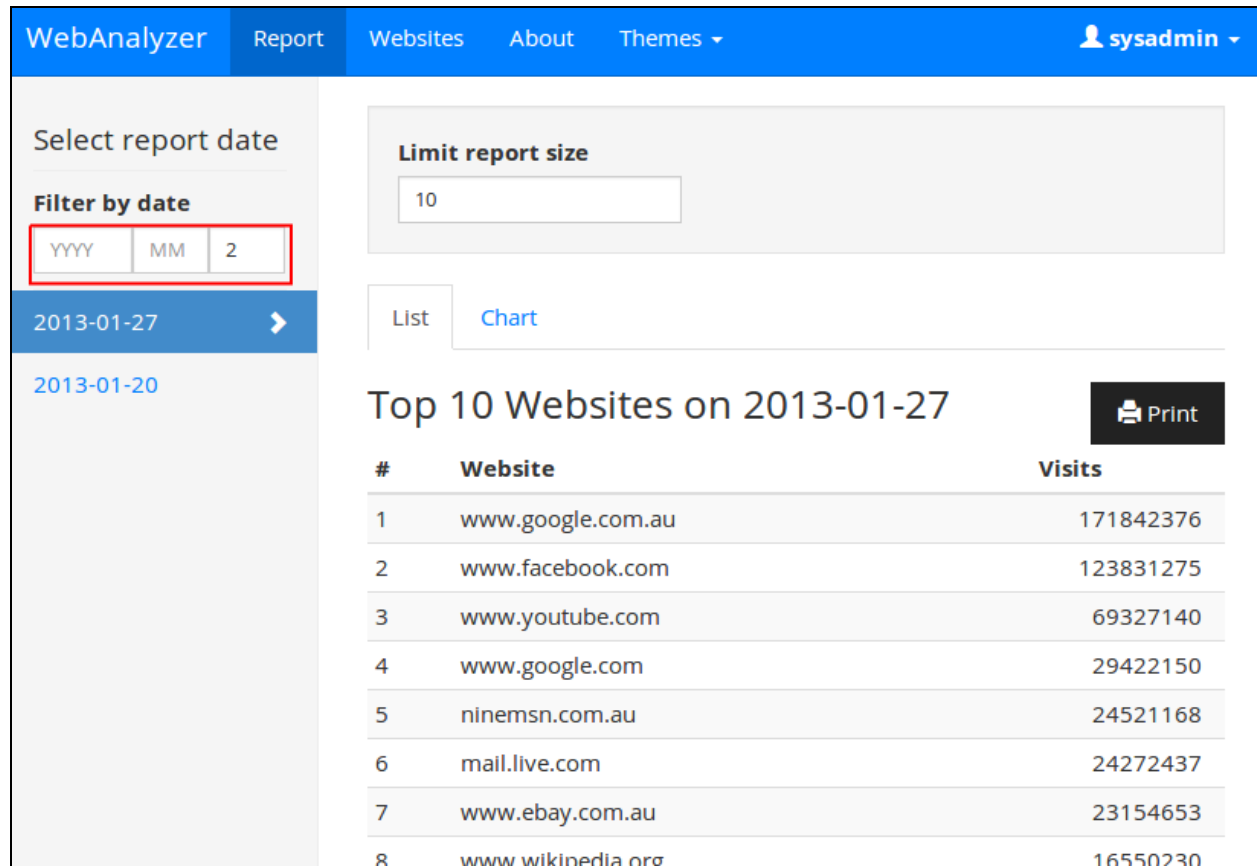 is two level of search. The first is a search against the pre-cache json list. The second one is a lazy search on the database level. The cache is generated during the data insertion and update. While not all data is cached, certain records will still be accessible through database search.

Website report

There is also a page for displaying website data. Like the report page, list of website names are displayed at the left side. Selecting the name, a line chart is shown that consists of the selected website data.
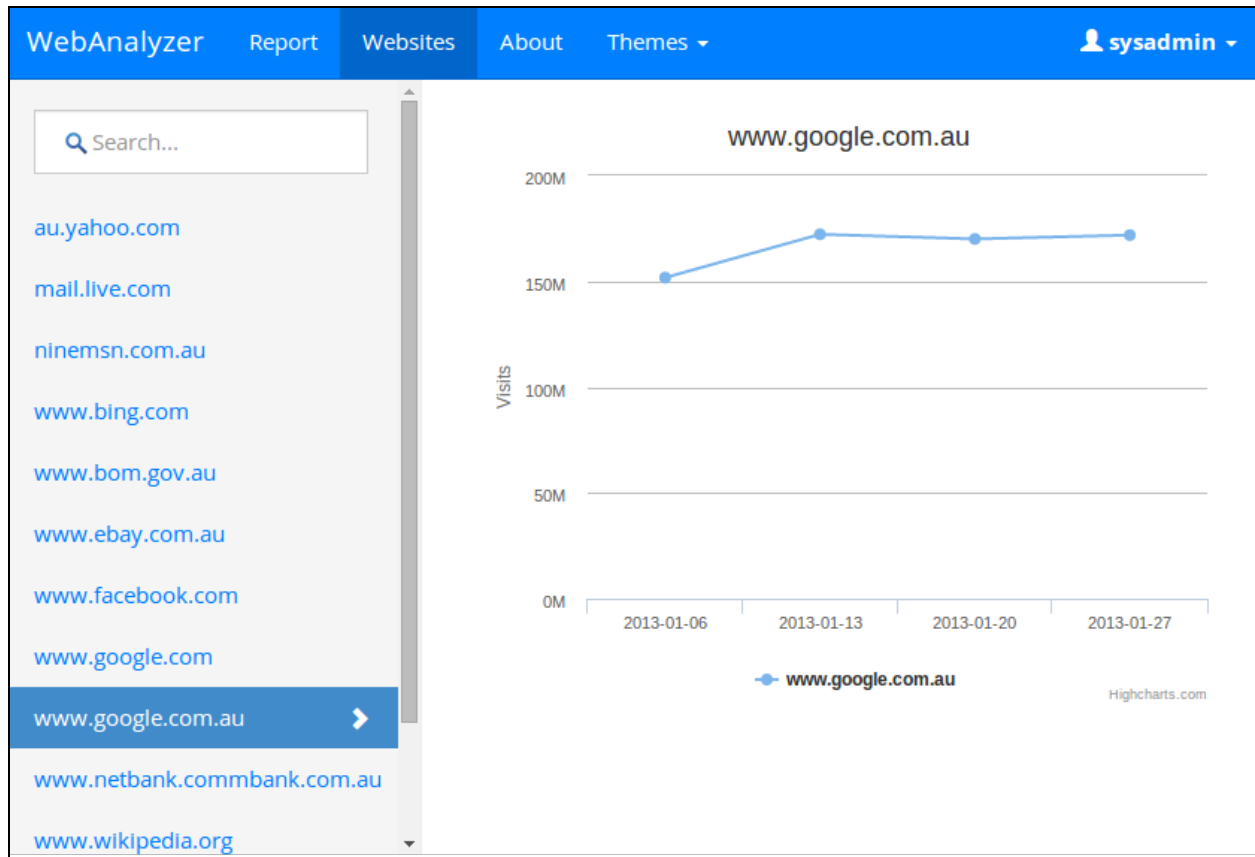
Like in the report page, here user can filter the website names too.