

# User Guide:

## Running the application

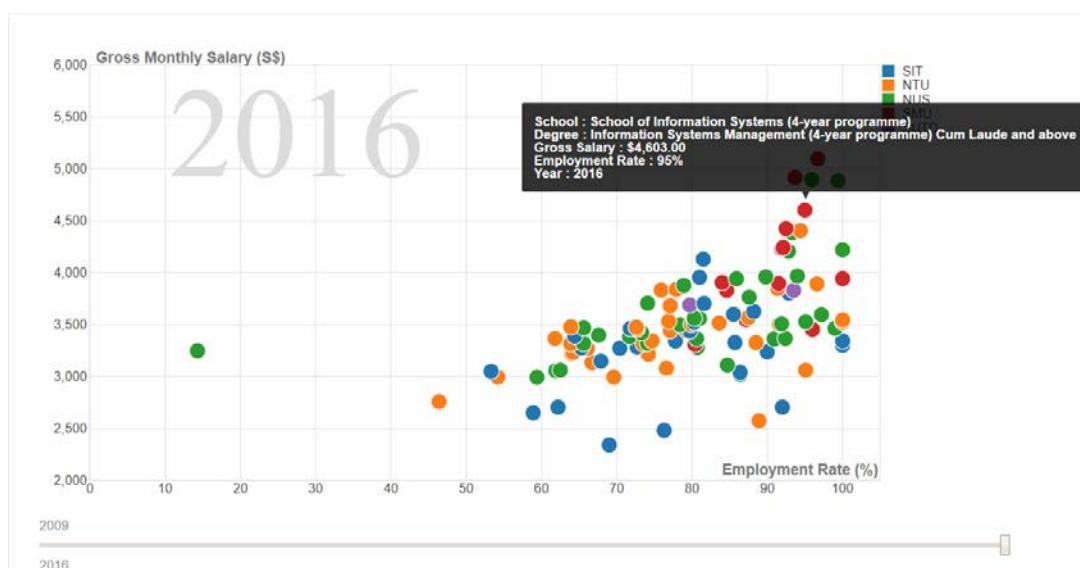
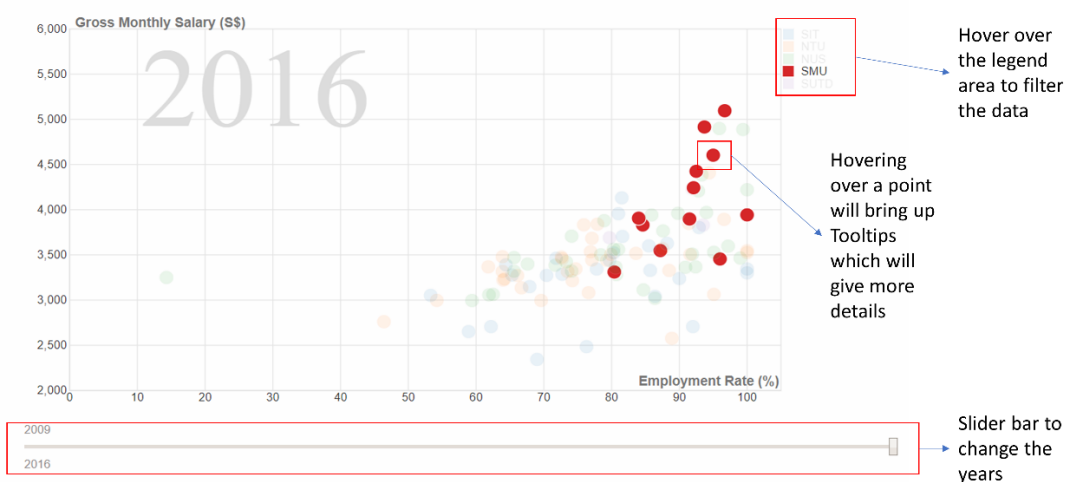
To launch the application, it need to be hosted on any web server. As most of the charts were created through D3, which required a web server to execute the script. Once, it was hosted on web server, run the index.html on any browser to launch the application.

Link to web application: <https://va-duo.firebaseio.com/index.html>

## Interactive features of each chart

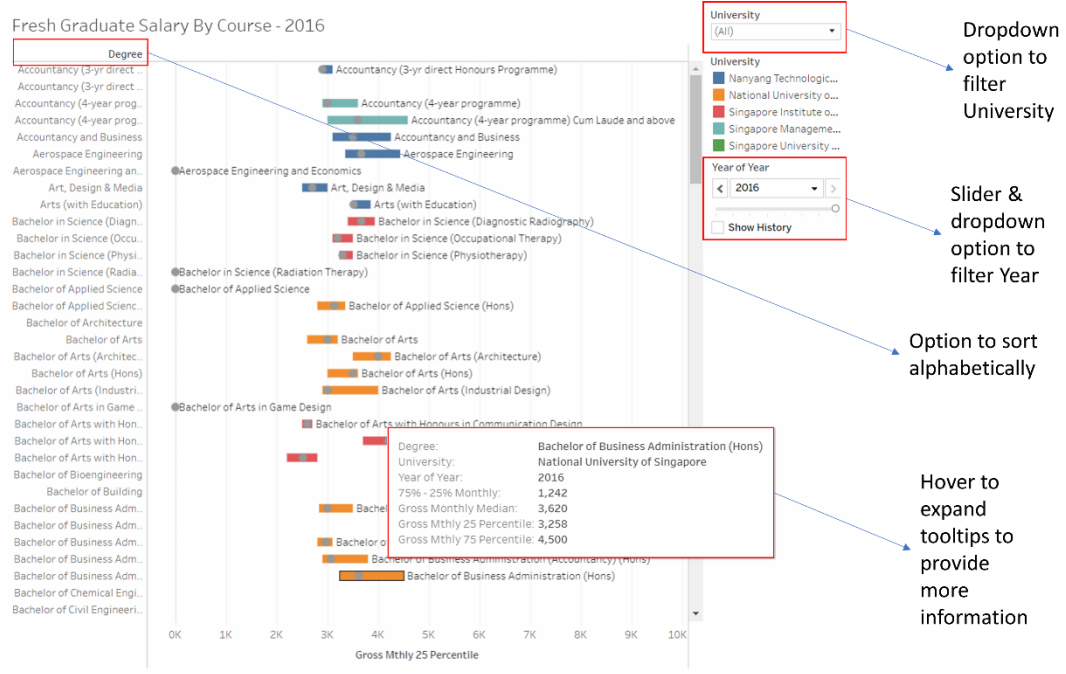
### Graduate Employment Survey

The slider at the bottom of the chart allows users to change the year, this will update the chart data based on the year selected. The selected year will be displayed on within the chart itself. The chart also allows highlighting the data-point based on the legend filter. By hovering over the legend, it will dim the rest of the non-selected data. This is demonstrated on the screenshot below.



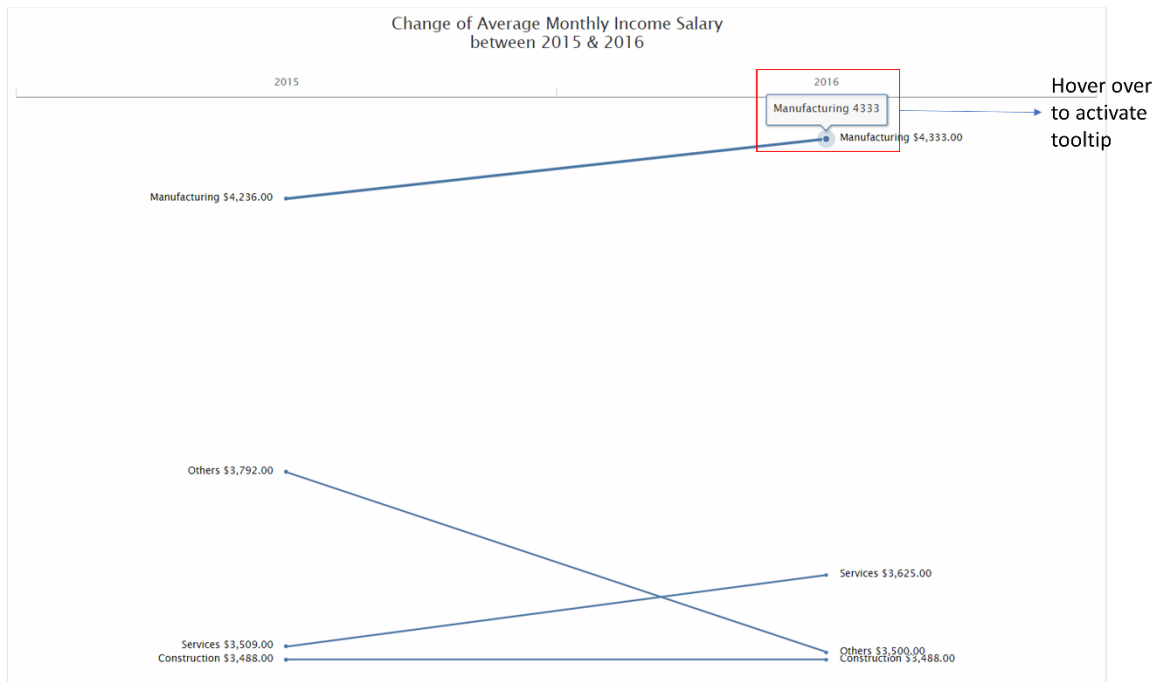
### Ranking of Fresh Graduate Salary Chart

The chart was created using tableau, the interactive is as in tableau. The interaction is at the right of the charts, in which users can filter the University and the years.



### Slope Graph for Change of Average Monthly Income Salary

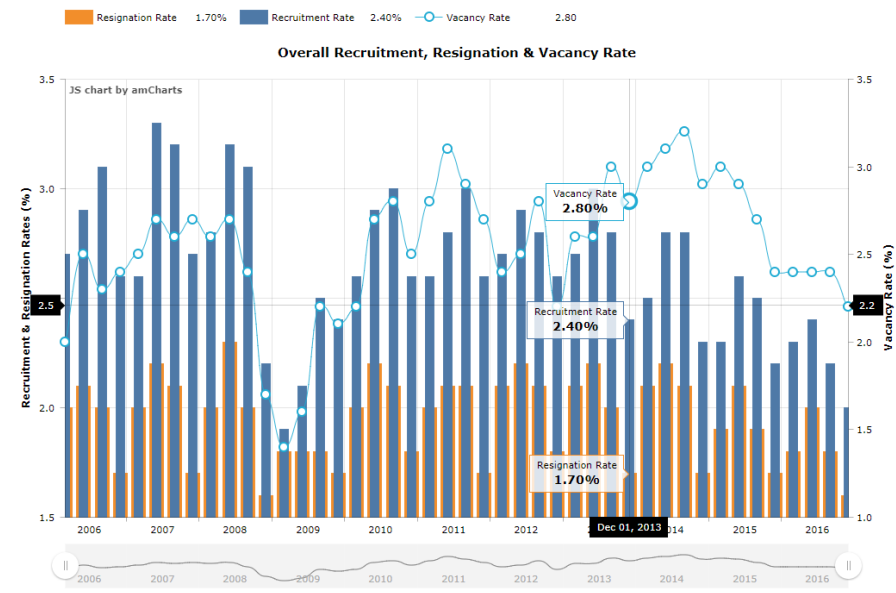
This chart only has tooltip features. Users can hover over slope line or point to view the values. This graph illustrates the changes of each sector from 2015 to 2016.



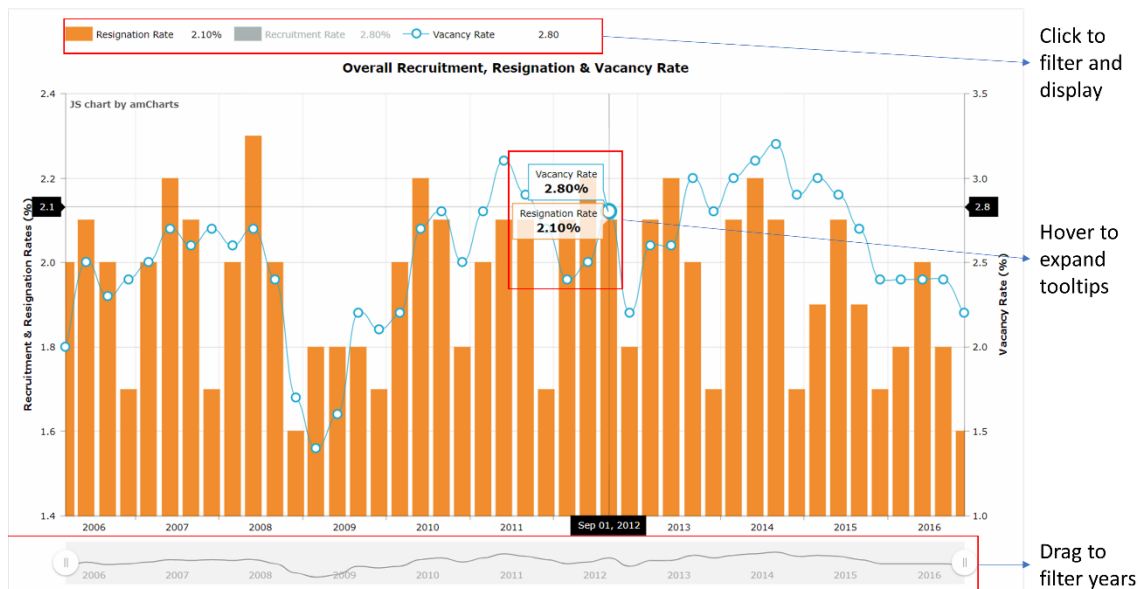
### Bullet Chart for Recruitment, Resignation & Vacancy Rate

This chart is a time-series bullet chart, the target is denoted by the point. The time-series slider is at the bottom of the charts, which allow users to zoom in and specific the range of the charge. The slider can be dragged from both end, this will result with the specific between range value.

Tooltips display the value for each of the rate and the period will appear when hovering over any point on the charts, as shown on the screenshot below. User can hover over any point of the value to find out the values based on the tooltips.



The charts allow filtering of the data through clicking of the category from the legend. Below shows an example of filtering out Recruitment Rate from the charts. Click clicking on the legend, it will dim out the selected legend to indicates the data had been omitted from the charts.



### Rader (Spider) Chart for Vacancy Reason

The options are display above the charts, by clicking on any of the button, it will filter the data and updates the charts according to the dataset selected.

Selecting 2015 or 2016 will swap the dataset based on selected year. Subsequent filtering will be based upon the selected year.

“View By Sector”, “View By Services Industry”, “View By Education” are the different category in which the charts support. By selecting on any of the options, it will update the charts based on the selected category.

The category and options are displayed above the legend at the right of the chart.

Hovering over the legend, will highlight the selected category and dim the remaining. An example is shown below.

