USER IMPORT EXPORT

USER GUIDE

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Application Link: https://vink94.github.io/uiuxsgtrade/index.html

Landing Page

Upon reaching our web page, users can look at "Project Overview" to gain a better understanding of the context of our project. For navigation to other web pages, users can either select using the icon at the bottom of our webpage or selecting the icon on the left side of the screen (See Alternate Links to other web pages). Users can also click on the expand button (See Expand sidebar) to expand the sidebar out and see the details of the each icon (See image below).

Breakdown of Merchandise / Service
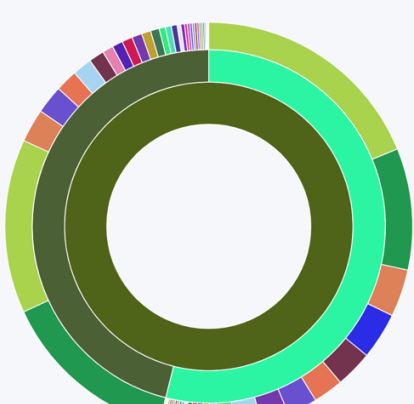
At this page, users will get to see the breakdown of the trade distribution under merchandise or services by import or export. Users are encouraged to shift the slider or select different type of trade (See Variable for filtering) to get a better sensing of the percentage of trade to or from Singapore based on the filters applied. Upon hovering over a slice of the sunburst diagram, more details on the segment will be shown at the right side of the screen under Trade Details (See details on each segment of sunburst). The image below shows the result when hovering on a particular segment.

Breakdown of the segment
and the percentage of total

Text to show
the
breakdown
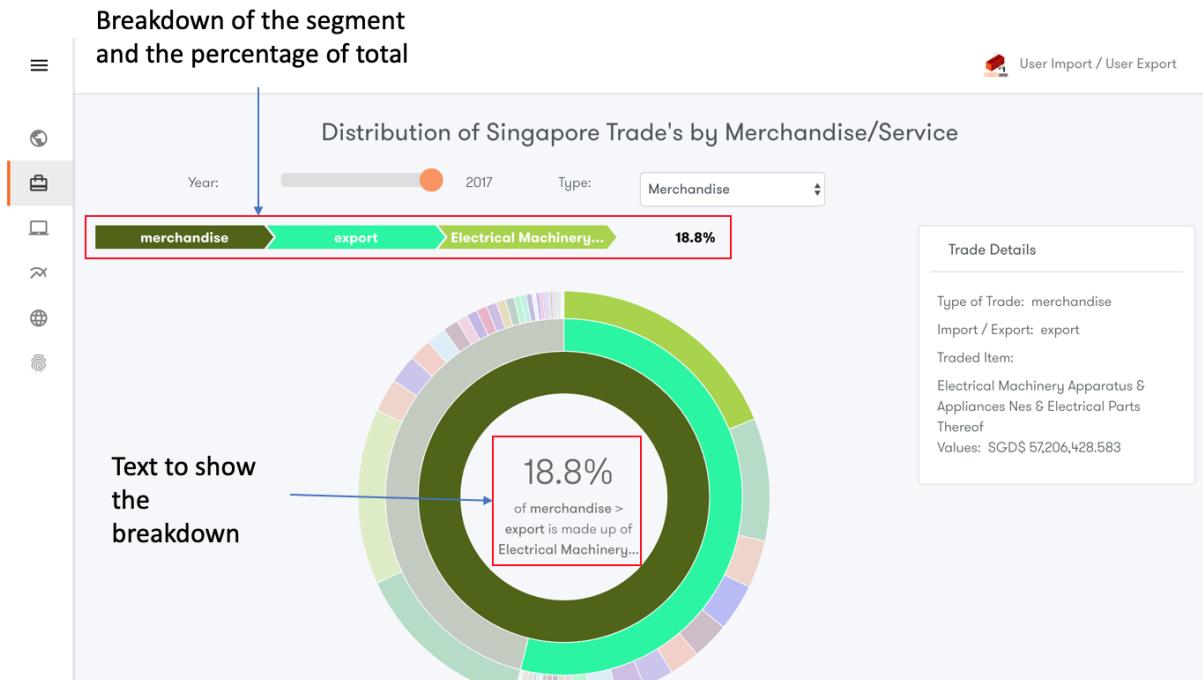
Distribution of Trade in Singapore by Top K Commodities

Explain to user on the usage of
multiple select function for partners

Top k number of
product to see
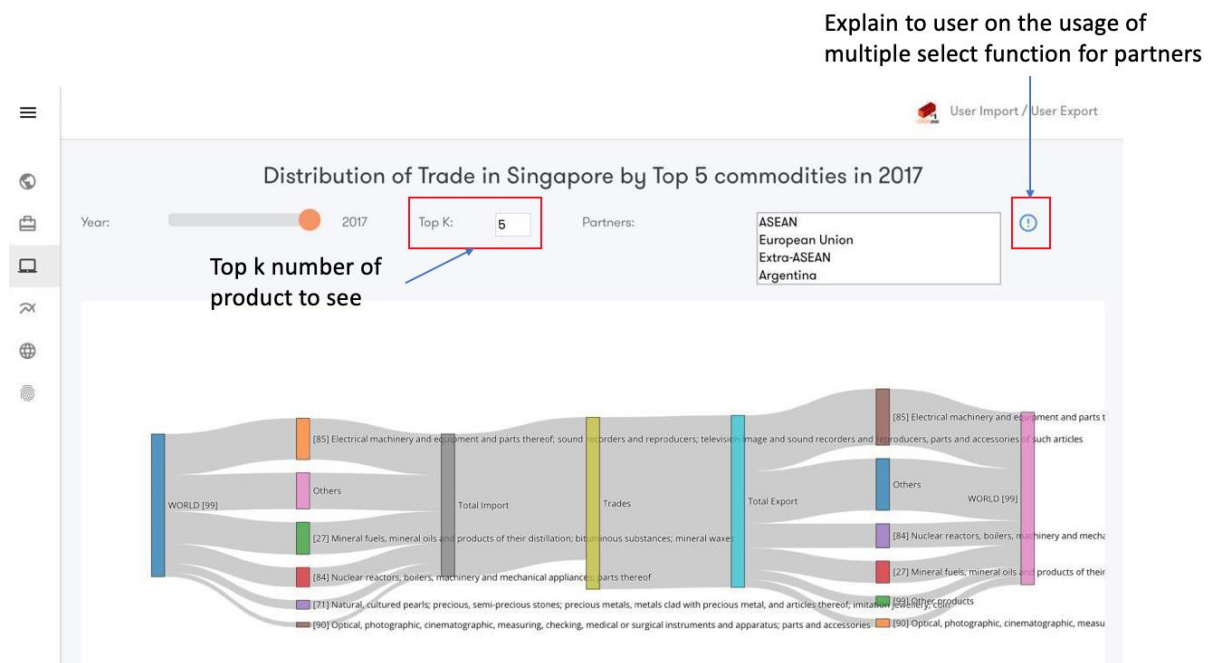
At this page, users will get to see the distribution of trade based on Top K numbers of commodities type to and from Singapore. Users are strongly encouraged to change the Top K, Year and Partners to see the various distribution and amount of trades to and from Singapore in a flow sequence from imports and exports down to the individual categories. In addition, hovering on any part of the Sankey will show the amount in USD.

A small information button beside Partners (See Explain to user on the usage of multiple select function for partners) will indicate how the multiple select works for the Partners' dropdown field for users to refer to.

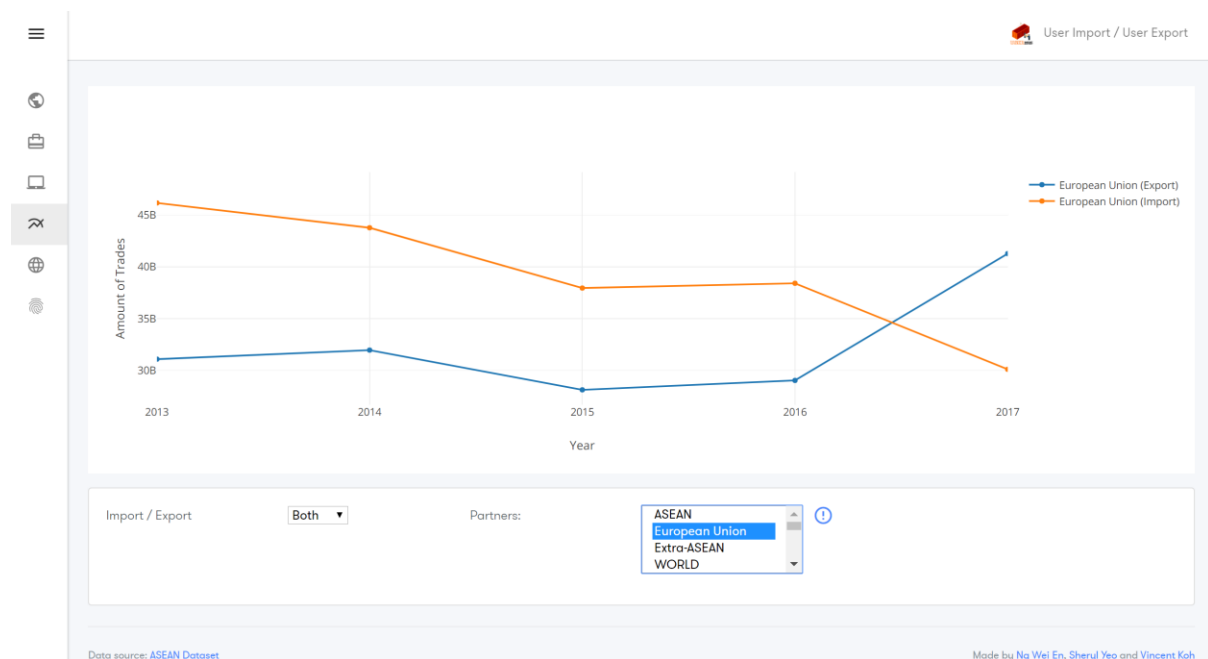Holding on command key on Mac/ Ctrl key on Windows will allow users to select multiple Partners for cross analysis of trade distribution. This will be useful to compare categories of trade contributed by a single country relative to another.

Trade Trends between Countries

At this page, users will be able to gather insights from the trading trends between Singapore and other countries or regions. Users are encouraged to make use of the two available variables to perform filtering. Once the chart is generated, hovering on the chart data point will allow user to see the actual trade amount based on the year in USD.

Likewise, a multi-select partners filter is available for users to toggle which countries they would like to visualise. Holding on Ctrl on Windows/ Command on Mac allows for multi-selection of countries/regions to compare between partners in the same chart.

Trade Volume between Singapore and Other Countries
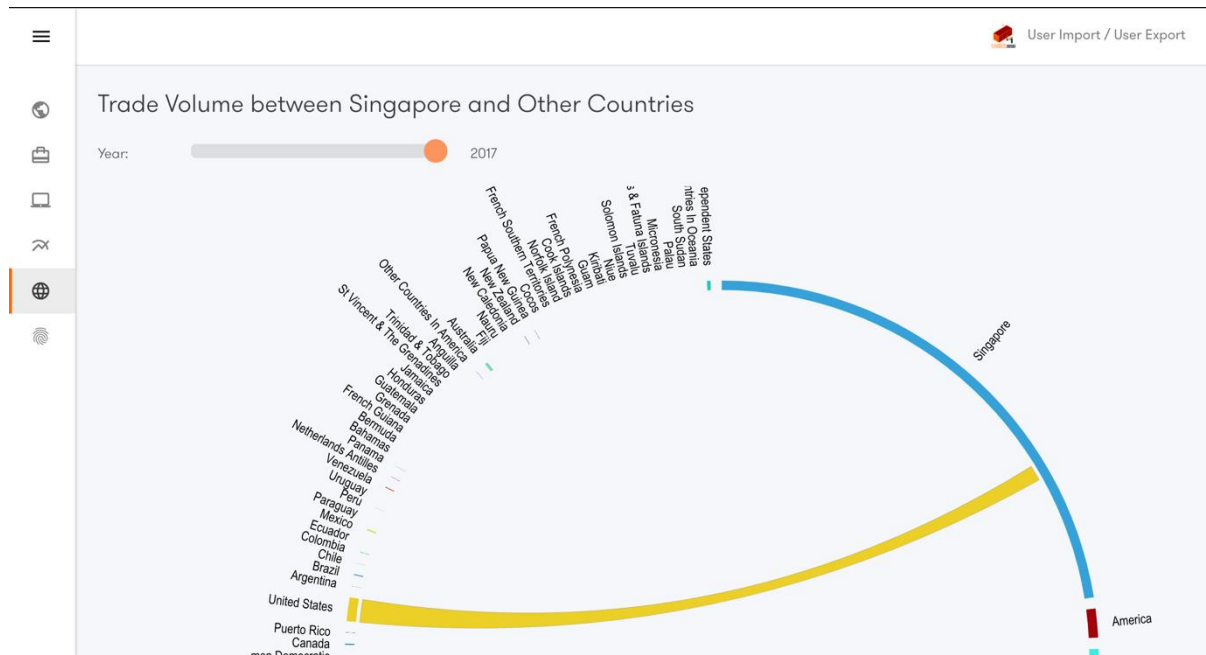
In this page, users will get to see the relationships and the amount of trade between Singapore and all other countries or region. There is a year slider filter whereby users can filter to show the compare the trade volume over the past few years. Upon hovering over the edge of the chord diagram or the name of the countries or region, the diagram will highlight the link to show the difference between the import to and export from Singapore. In addition, hovering on the link will show a tooltip whereby it will show the actual amount in USD.