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# IS428 VISUAL ANALYTICS FOR BUSINESS INTELLIGENCE

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## Web Application User Guide

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This document lists the steps to explore the visualization application

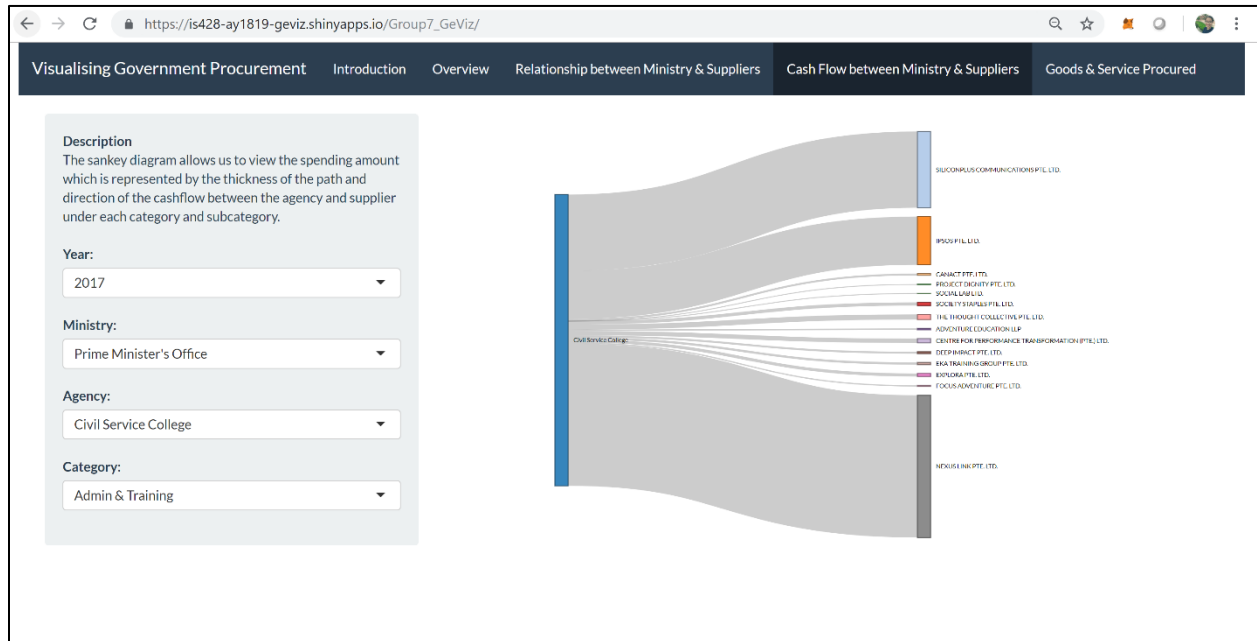
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# Cash Flow between Ministry & Suppliers



After understanding the relationship between Agencies and Suppliers under one Ministry, the user can navigate to **Cash Flow between Ministry & Suppliers** page to get a view of the amount spent on each Supplier by each Agency under a certain Ministry.

User can choose the Agency and Category of interest from the filter panel on the left-hand side.

## Visual Interpretation

The thickness of each path between the Agency and each Supplier represents the total awarded amount under the chosen Category.

# Goods & Services Procured

**Description**  
The word cloud show the top key words within the procurement category. The size of the words reflect the frequency of the goods and services procured, as well as the demands of each of agency.

Year: 2017

Ministry: Prime Minister's Office

Agency: Civil Service College

Category: Admin & Training

college  
civil journeys  
programmes  
teambuilding  
experiential  
design  
learning  
activities

Show 1 entries

	ministry	agency	tender_description	awarded_amt
1	Prime Minister's Office	Civil Service College	Invitation to Tender for Provision of Full Design & Production Services for the Journal "Ethos" for Civil Service College	74410
2	Prime Minister's Office	Civil Service College	Invitation to Tender for Research Study on Expectations of Public Service's Delivery for Civil Service College	47016
3	Prime Minister's Office	Civil Service College	Invitation to Tender for the Delivery of Experiential Learning Journeys and Activities under a Period Contract of One (1) Year with an Option to Extend for Another Two (2) Years	1822

Showing 1 to 3 of 14 entries

Previous 1 2 3 4 5 Next

To dive down into the details of goods and services procured by each Agency under a Ministry, user can use **Goods & Services Procured** page. From this word cloud, user can see the top key words appearing in the tender description under a specific category.

User can choose the Agency and Category of interest from the filter panel on the left-hand side.

## Visual Interpretation

The size of the words represents the frequency of that terms appearing in the tender description, which links to the frequency of that goods and services being procured.

To drill down into the details of each item in the word cloud, user can use the search bar to get all the procurements that have the same word appearing in the tender description.