



Power BI Template to use Ally’s API for Reporting Tools

V 1.0

This guide provides step by step instructions to set up the Power BI template with the Ally API for reporting tools.

Important Disclaimer

1. Please note that in order to access and visualize the data using this template file with the corresponding file extension (PBIX), you require a valid license for the associated software along with a compatible desktop application. Failure to obtain the appropriate license may result in restricted access to this application. Anthology is not responsible for any issues related to third party software licensing, including installation and maintenance.
2. The data displayed in this application reflects the information available in Ally. The tool itself does not make any alterations. It is crucial that you verify the accuracy of the data before making any business decisions based solely on the projections provided in the developed template. Relying exclusively on this data may lead to inaccurate conclusions.

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Template configuration

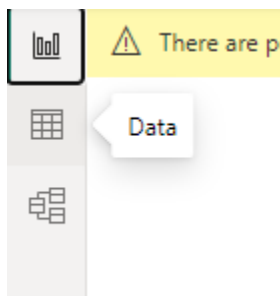
Before you start using the template make sure that you have the requisites mentioned in [Integrate Ally's API with an External Reporting Tool](#).

To integrate Ally's API with your preferred reporting tool you will need the following:

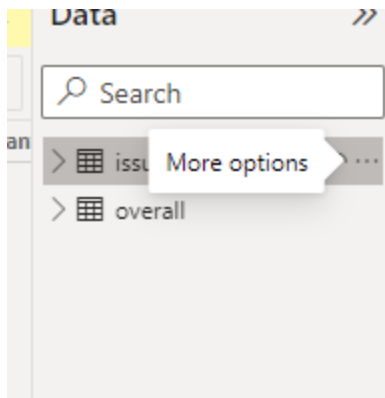
- An external reporting tool such as Power BI, Tableau, Microsoft Excel, or SAP Analytics, among others
- Access to Ally's Institutional Report (Admin only)
- Authorization API token (available in the Institutional Report)
- Endpoint's URL (available on this help page)
- Your Ally Client ID (contact our Support team if you do not have this ID)
- Keep in mind that you will need to switch between this help page, the Institutional Report, and the external reporting tool to successfully set up everything.

Configuration steps

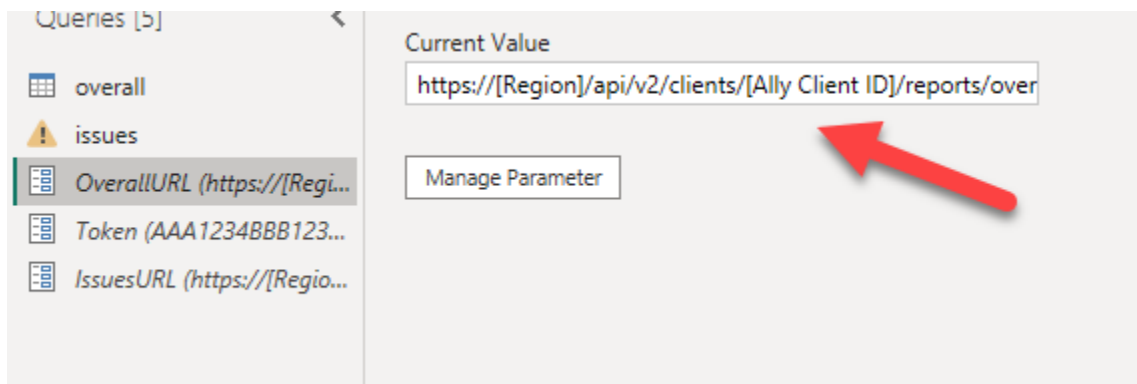
1. Open the Ally API template.pbix file in Power BI desktop.
2. Select the data option on the left-hand side panel.



3. Select the three dot menu for the Issues or Overall tables.



4. Select Edit query
5. Select the OverallURL and edit the current value



Replace **[Ally Client ID]** with your unique Ally ID.

If you do not have this ID, please contact our Support team. Remember that the is the Ally client ID, not the LMS ID.

Replace **[Region]** depending on the region where the Ally environment of your institution is hosted:

US data center: prod.ally.ac

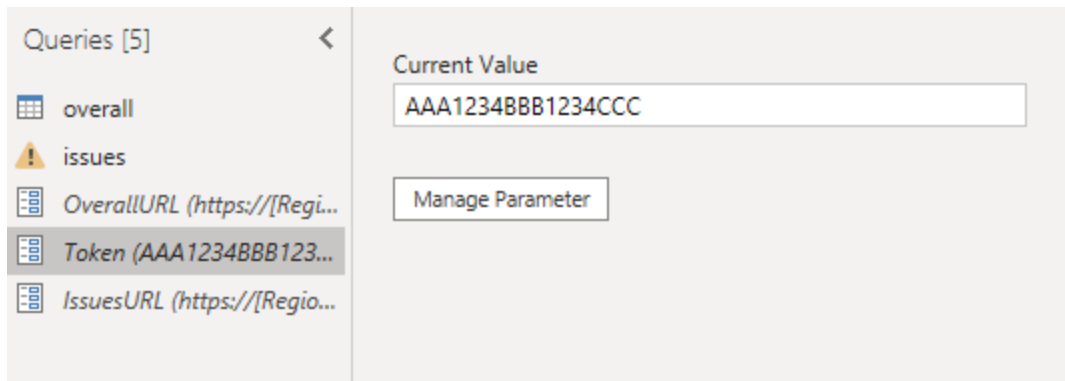
Canadian data center: prod-ca-central-1.ally.ac

European data center: prod-eu-central-1.ally.ac

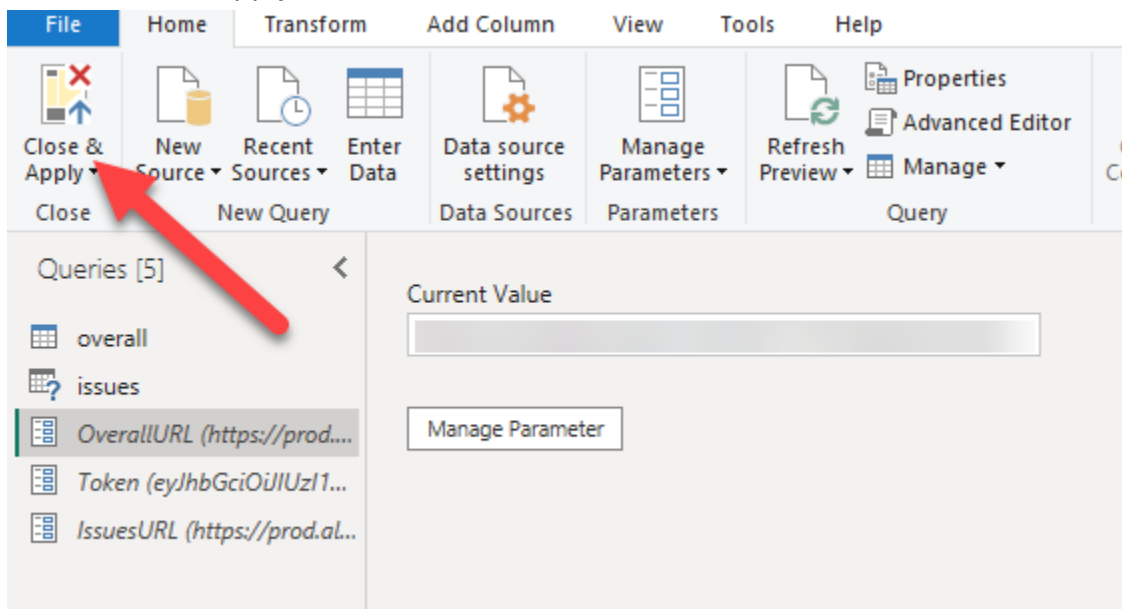
Singapore data center: prod-ap-southeast-1.ally.ac

Australian data center: prod-ap-southeast-2.ally.ac

6. Repeat previous step with the IssuesURL and edit the current value replacing **[Ally Client ID]** and **[Region]** .
7. Select Token and edit the Current value with the token obtained from the Institutional Report



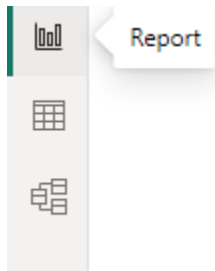
8. Select Close & Apply



9. Data will be requested

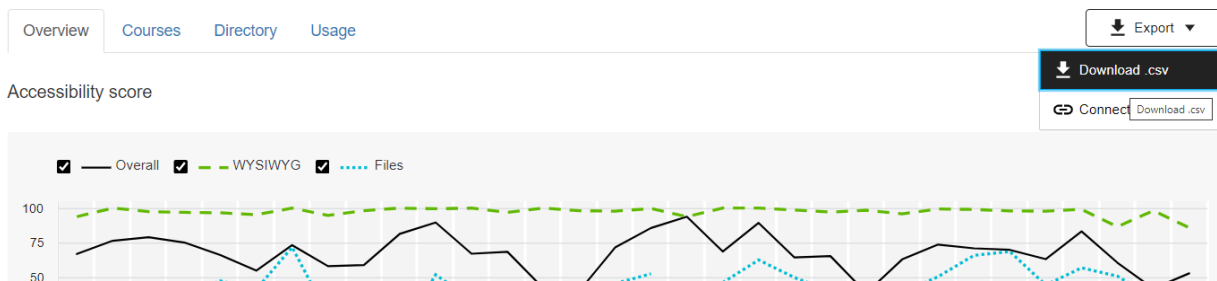


10. If you do not see data immediately, wait for some minutes, select the three-dot menu on the right hand side and select refresh.
11. Select the Report option, and you will see the report updated.

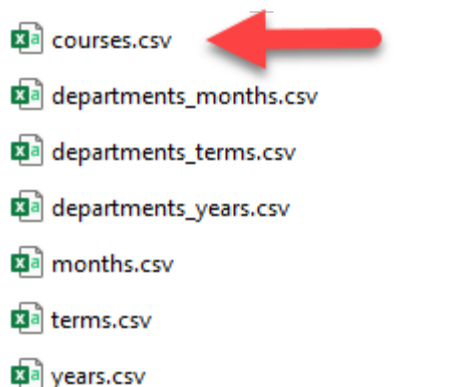


Review your data

If you want to review that your data corresponds to the correct environment, you can access your institutional report and download the CSV exports:



Select the Courses.csv file



You can see that the data in the Power BI tables correspond to the export of the Ally data that belongs to your Ally institution report:



Data exported from the Institutional Report

Data exposed in the Power BI template

The image shows two windows side-by-side. The left window is Microsoft Excel, displaying a spreadsheet with columns for Term, Department, Course ID, Course Name, Course and Course Ref Number, Observed, Last checked, Ability, Health, Total Files, Total WVS, and Overall %c. The right window is Power BI Desktop, showing a data model with tables like 'data.coursecode', 'data.headingrequestid', 'data.department', 'data.headingprocessid', and 'data.courseid'. A red arrow points from a cell in the Excel spreadsheet to a corresponding cell in the Power BI data model.

Term	Term name	Department	Department name	Course id	Course name	Course and Course Ref Number	Observed	Last checked	Ability	Health	Total Files	Total WVS	Overall %c	
2018	2018 Winter	206.1	BBWor102019	2970.1	2. Original https://o	10.8/11/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	2982.1	02. Empty https://o	0.7/10/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	3012.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	3216.1	NC AV Feedback Test	X AV Feedback https://o	0	00000000	TRUE	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	3796.1	00. Bio. Web https://o	20.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	1346.1	ADV_101_rjhan	Introducs https://o	0.7/10/2021	00000000	TRUE	0	0	0	0	0
2018	2018 Winter	206.1	BBWor102019	11294.1	I. St John	https://o	0.4/12/2021	00000000	TRUE	0	0	0	0	0
2018	2018 Winter	206.1	BBWor102019	9708.1	1. SPIC SANDROCK	0.8/24/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	9818.1	LA.MEL.BIO.04012020	Biochem https://o	40	00000000	TRUE	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	5265.1	00. Funds https://o	34.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	6142.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	5987.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	5090.1	01. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	1828.1	Microsoft https://o	10.9/8/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	1885.1	Training https://o	0	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	7177.1	02. Empty https://o	0.7/10/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	7041.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	5193.1	1. Ultra Off_S8_U10	0	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	11218.1	HRHS-5401-TEMPLATE-HSRT	HRHS-5401 https://o	0	2/2/2022	00000000	TRUE	0	0	0	
2018	2018 Winter	206.1	BBWor102019	8899.1	02. Empty https://o	0.7/10/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	8643.1	00. Approx https://o	0.7/10/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	4876.1	01. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	5150.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	7076.1	02. Empty https://o	0.7/10/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Winter	206.1	BBWor102019	4019.1	02. Empty https://o	0	00000000	TRUE	0	0	60	13	0.376459	
2018	2018 Spring	206.1	BBWor102019	233.1	00.0000-2018-09-01-13-46	Learning https://o	40	00000000	TRUE	0	0	0	0	
2018	2018 Spring	206.1	BBWor102019	4296.1	00. Invo https://o	15.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Spring	206.1	BBWor102019	7041.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Spring	206.1	BBWor102019	7014.1	02. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Spring	206.1	BBWor102019	6271.1	00. Funds https://o	33.8/25/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Spring	206.1	BBWor102019	3796.1	2. Original https://o	10.8/11/2021	00000000	TRUE	0	0	0	0	0	
2018	2018 Spring	206.1	BBWor102019	9025.1	03. Biolog https://o	40	2/2/2022	00000000	TRUE	0	0	0	0	0
2018	2018 Spring	206.1	BBWor102019	13188.1	05422792 https://o	0	00000000	TRUE	0	0	0	2	1	
2018	2018 Spring	206.1	BBWor102019	3070.1	01. Empty https://o	5.8/25/2021	00000000	TRUE	0	0	0	0	0	