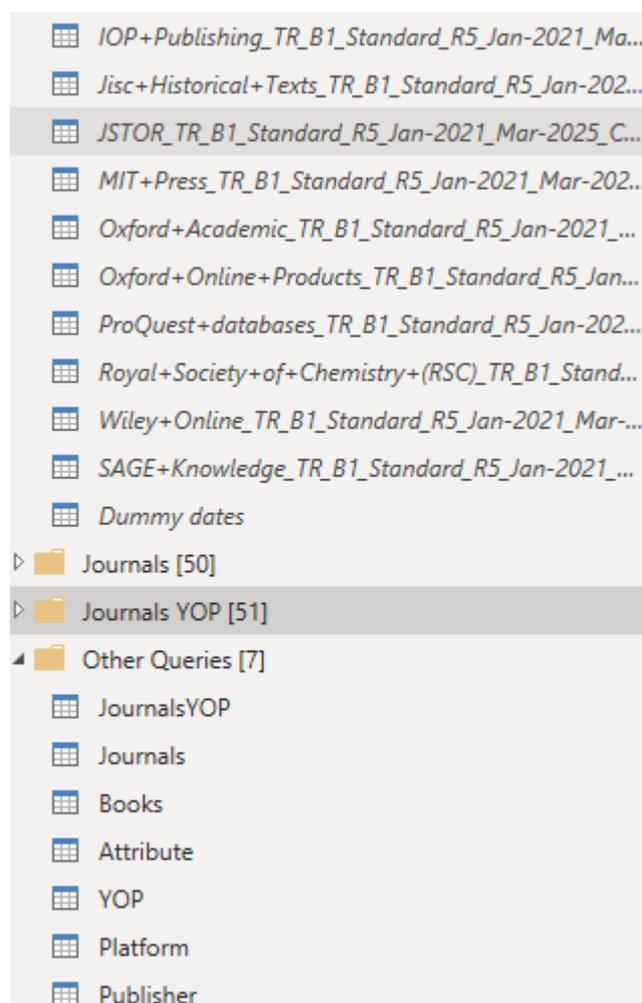# CELUS Data Hub use case: Coventry University

At Coventry University, we use COUNTER data on a near daily basis for measuring use of collections, evaluating renewals, considering new purchases both of individual titles and packages and for measuring the impact of library services on the student experience. While creating PowerBI reports with many datasets available our primary problem was one of data collection at scale. COUNTER tabular reports require a lot of work to make them effective in PowerBI and collection of new reports requires a lot of effort even with a report aggregator like JUSP. This is where the CELUS Data Hub comes to the rescue.

For Coventry, the ability to query the ClickHouse database and pull back data for all platforms in a single transaction is transformational. Instead of importing hundreds (literally) of tabular reports a few SQL queries will sort and pull the data needed. I've moved from this:
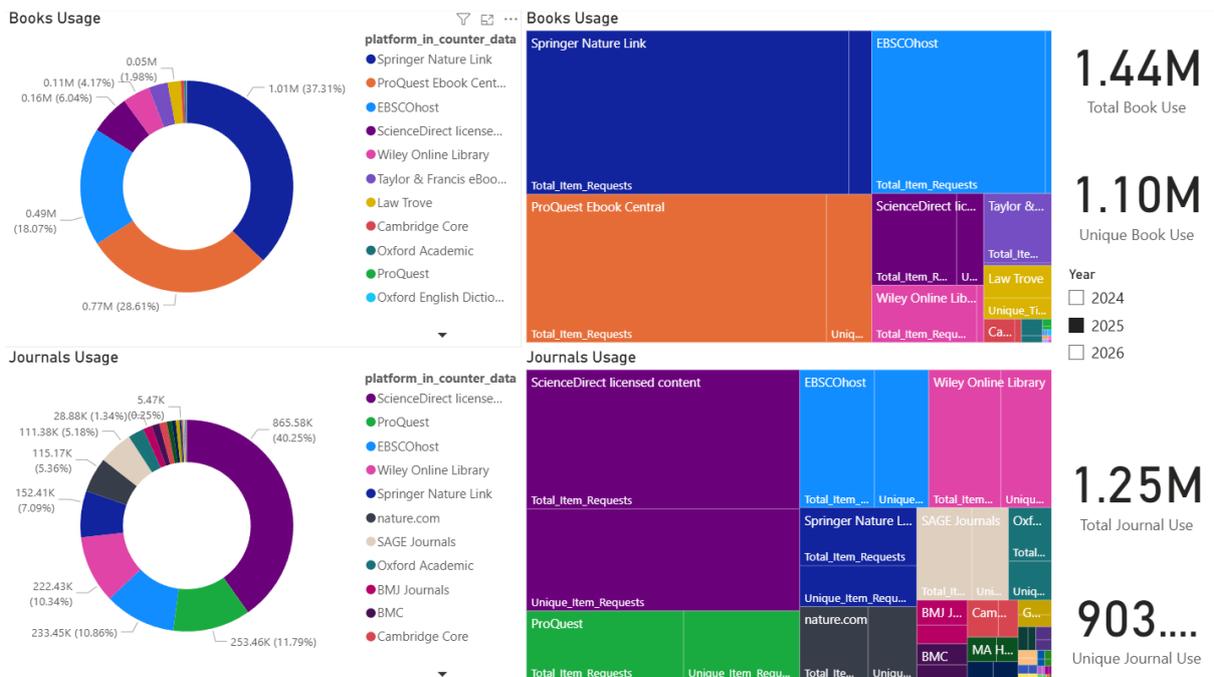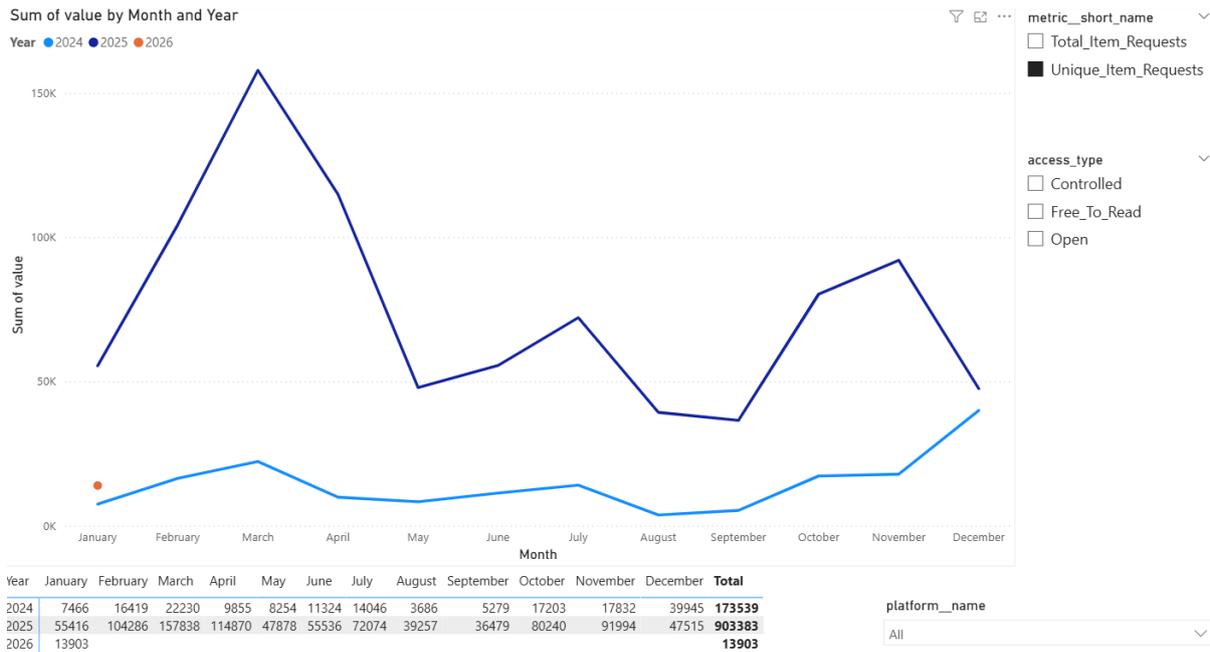

To this:

The data comes into PowerBI ready to be queried with very little transformation required. The CELUS Data Hub Report tables are excellent for testing SQL queries before using the in PowerBI and changing the queries in PowerQuery. Thanks to the streamlined data querying we can now pull large datasets with ease. They can be refreshed once new data is available and be embedded in strategic planning.
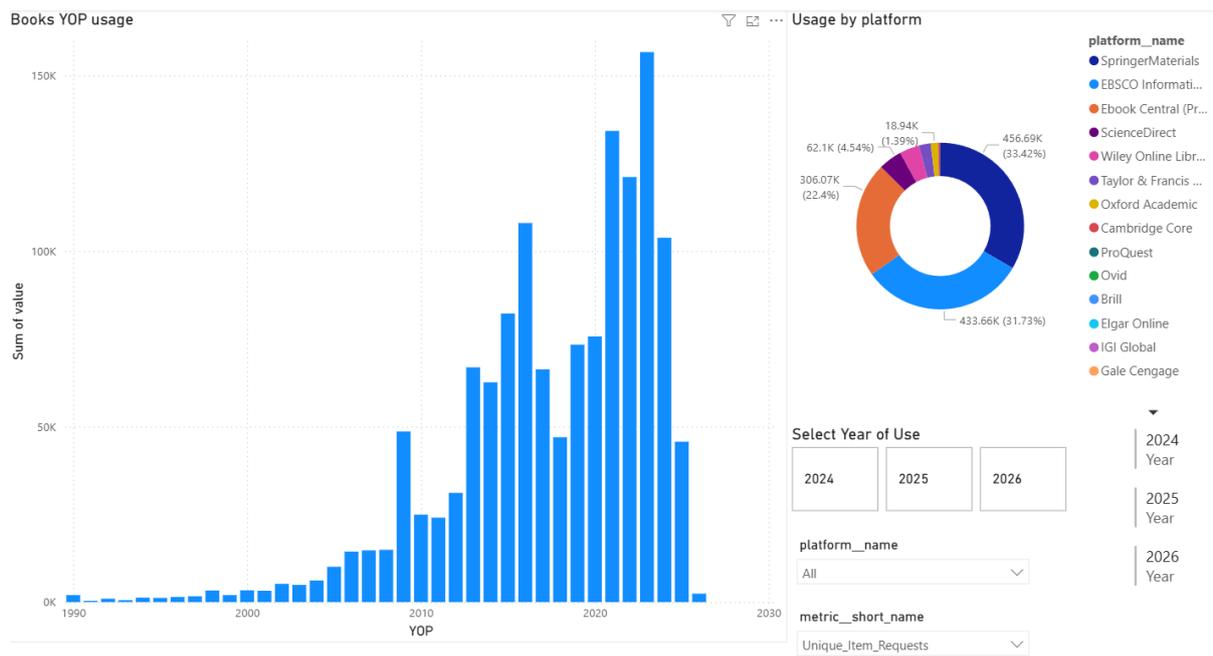
Below are some screenshots of report pages produced from TR51 looking at Journals and Books specifically:

An overview of the primary eResources usage cross-filterable by platform.

Sum of value by Month and Year

Year ● 2024 ● 2025 ● 2026

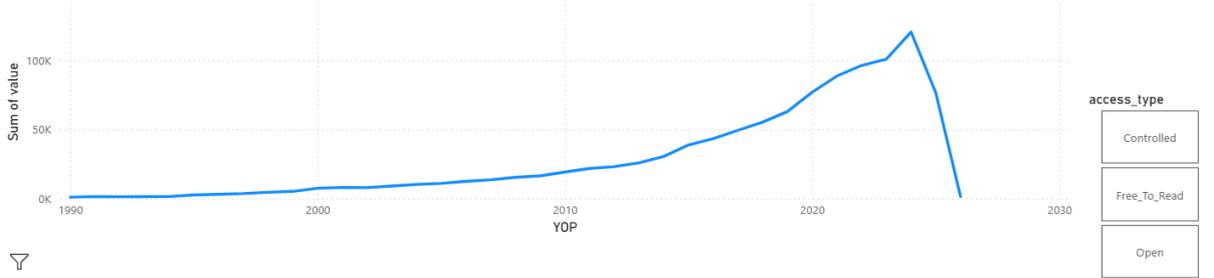| Year	January	February	March	April	May	June	July	August	September	October	November	December	**Total**
2024	7466	16419	22230	9855	8254	11324	14046	3686	5279	17203	17832	39945	**173539**
2025	55416	104286	157838	114870	47878	55536	72074	39257	36479	80240	91994	47515	**903383**
2026	13903												**13903**

A longitudinal view of Journals usage since 5.1 (2024 is included because Ebsco report 2024 5.1 usage). This report can be sliced by report usage type, access type or platform.

A year of publication (YOP) analysis, reviewing the which platforms generate usage and when the titles were published. This is especially useful when looking at legacy collections and reviewing subscriptions. It also helps to build a picture of which parts of the collection gather usage once currency is no longer a factor.

title__name	COUNTER usage
⊞ Scientific Reports	13666
⊞ The Lancet	9258
⊞ The American Journal of Occupational Therapy	7561
⊞ Journal of Cleaner Production	7033
⊞ Nature Communications	6904
⊞ Nature	6620
⊞ British Journal of Nursing	6306
⊞ Journal of Business Research	6303
⊞ Journal of Advanced Nursing	5617
⊞ PLoS One	5177
⊞ Nursing Standard	4325
⊞ BMC Public Health	4255
⊞ BMC Health Services Research	4119
⊞ The British Journal of Occupational Therapy	3669
⊞ The BMJ	3456
⊞ BMC Nursing	3306
Total	**1070314**

tag__name	COUNTER Usage
⊞ Medicine	364629
⊞ Social Sciences	196899
⊞ DOAJ	190740
⊞ Psychology	131174
⊞ Business, Management and Accounting	130488
⊞ Nursing	119584
⊞ Engineering	83675
⊞ Biochemistry, Genetics and Molecular Biology	76277
⊞ Economics, Econometrics and Finance	66965
⊞ Environmental Science	66879
⊞ Health Professions	62817
⊞ Computer Science	50859
⊞ Arts and Humanities	43210
⊞ Energy	40212
⊞ Multidisciplinary	38629
⊞ Agricultural and Biological Sciences	34310
Total	**1070314**

metric__short_name

Unique_Item_Requests

platform__name

All

Year

2024   2025   2026

2024 Year

2025 Year

2026 Year

Usage by YOP

access_type

Controlled

Free_To_Read

Open

Another YOP analysis, but this time at title level. This report looks at the spread of Journal usage by both Journal title and by Scopus subject area. It gives an insight into the types of material being used as well as how much of the long-tail of the collections is being used.