# An overview of

York Open Data

CITY OF YORK COUNCIL

The York Open Data (YOD) platform launched in 2015:

- Funded by various grant streams: InnovateUK, LGA, RCUK, DfT…. As funding trying to prove that publishing of data could be done at scale/cost by a Local Authority

- Based on Industry Standard Open Software CKAN. Took approximately 1 year to build

- Various CMS / Backend improvements each year.

- In terms of usage:
  - c.27,000 Pages visited in the last quarter
  - c.2000 Unique users in the last quarter
  - c.1500 Downloads in the last quarter (as most people will preview)
  - Ward profiles / York Profiles most popular dataset

York Open Data

The York Open Data (YOD) platform launched in 2015 with an aim to:

- Meet local authority transparency requirements

- Uphold good practice around data sharing

- Share data with residents and businesses for a range of academic, business and personal uses/interests

- Support efficiency within the council and FOI requests

- Share data regularly to highest possible standards

- Low maintenance / Low running costs and be run within existing CYC resources

CITY OF YORK COUNCIL

Background
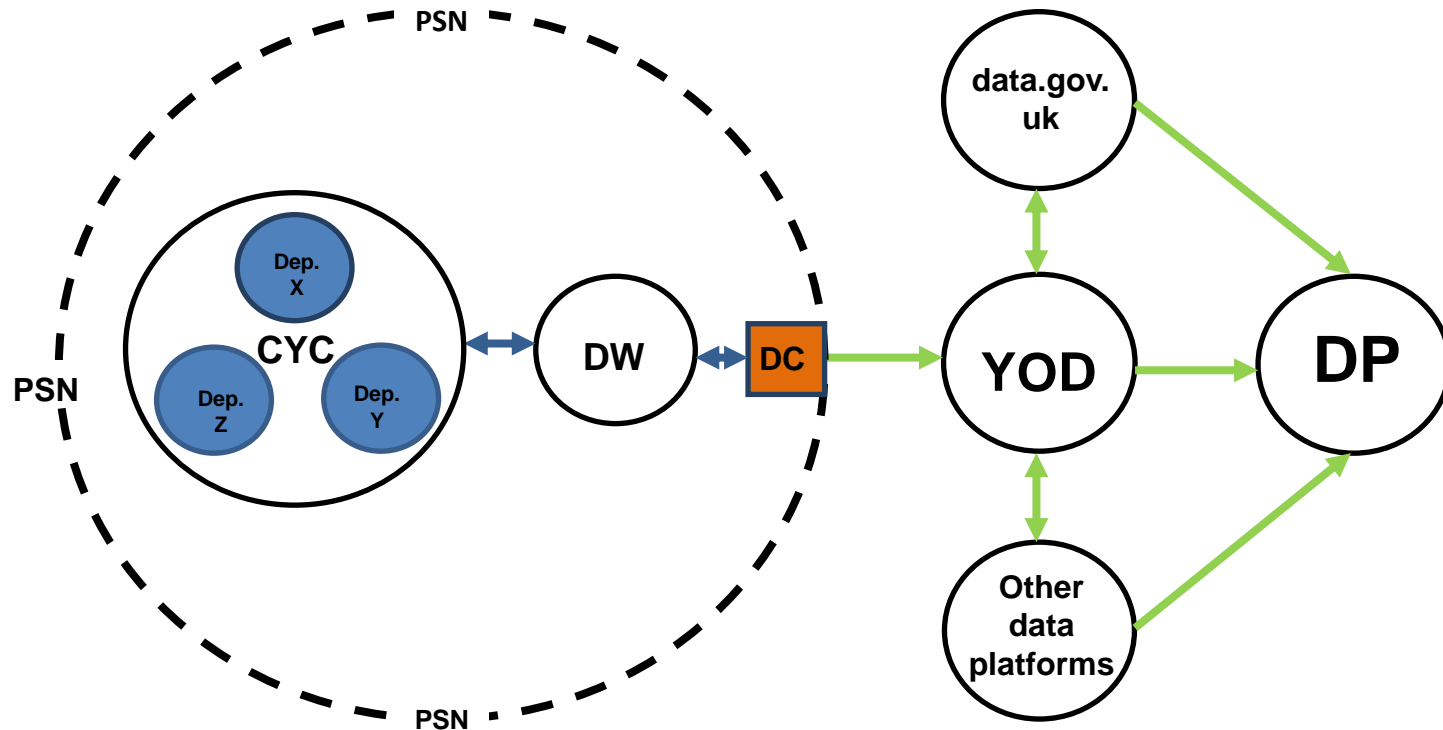
DW – Data Warehouse, serving as CYC's central repository of data

DC – Data Collector, an application designed to automate the release of open data

PSN – Public Services Network

DP – Development Platform, a platform aimed at propagating the use of open data

Produced by the Business Intelligence Hub

Data sets selected for different reasons:

- Requested by partners

- Deemed useful to residents/business

- Mandatory

- To be as transparent as possible

- Technically available from an internal system

- Ability to use CYC internal publishing architecture

- Repeatedly requested for FOIs

- Services asking for it to be shared

- Exists!

Produced by the Business Intelligence Hub

Data Sets

Around 1200 datasets currently live on the platform including:

Key Performance Indicators	KPIs used across the council form the majority of data sets available
Transparency data	Council data relating to major projects, financial and human resources, complaints and timeliness
GIS Datasets	A number of environment related data sets available in map form
Other	A range of other information including business rates, schools admissions, footfall and COVID-19

On an average year we have:

- – Removed around 10-20 datasets.
- – Added around 100 datasets.
- – Made refinements to around 100 datasets.
- – Improved the metadata / description to 20 datasets.
- – Provided ability to technically connect from externals to 10 datasets.

Produced by the Business Intelligence Hub

CITY OF YORK COUNCIL

Data is uploaded to the platform in the following ways:

- **Automatically uploaded from the KPI machine**
  Applies to most data sets and updates take place each quarter

- **Link to an internal system**
  These happen in live time with internal system updates automatically reflected on YOD

- **Scheduled**
  FTPd on regular basis to YOD server (usually SSIS)

- **Manually**
  Fewer data sets where data is not available through a system or needs further preparation for upload (formatting/redacting)

- **Partners**
  Small amount of datasets are published on the platform

Process

Update Frequency:

- Some datasets have very clear schedule
  - KPIs published in line with Executive papers
  - Scheduled SSIS to move data automatically
- Some datasets have a mandatory schedule
- Some datasets less defined

Data Accuracy:

- BI perform some error or sense checking on KPI and YOD data
- Responsibility lies largely with the data provider
- Number of datasets are not of high-enough quality to publish

Searching Open Data
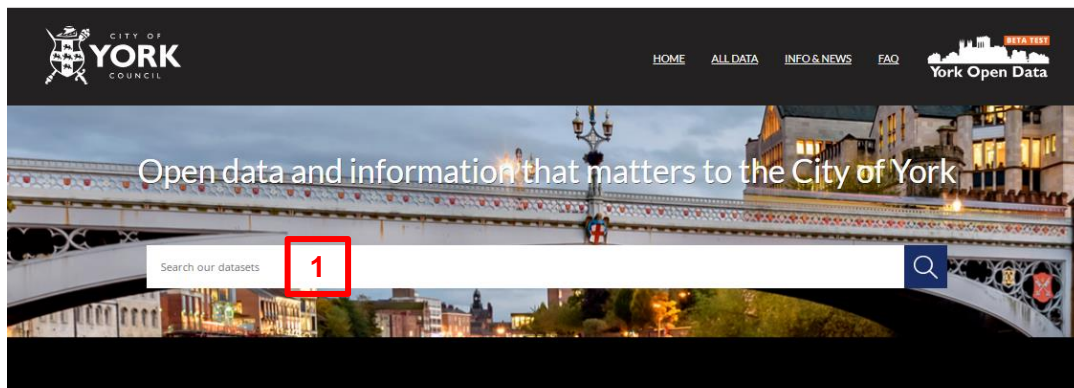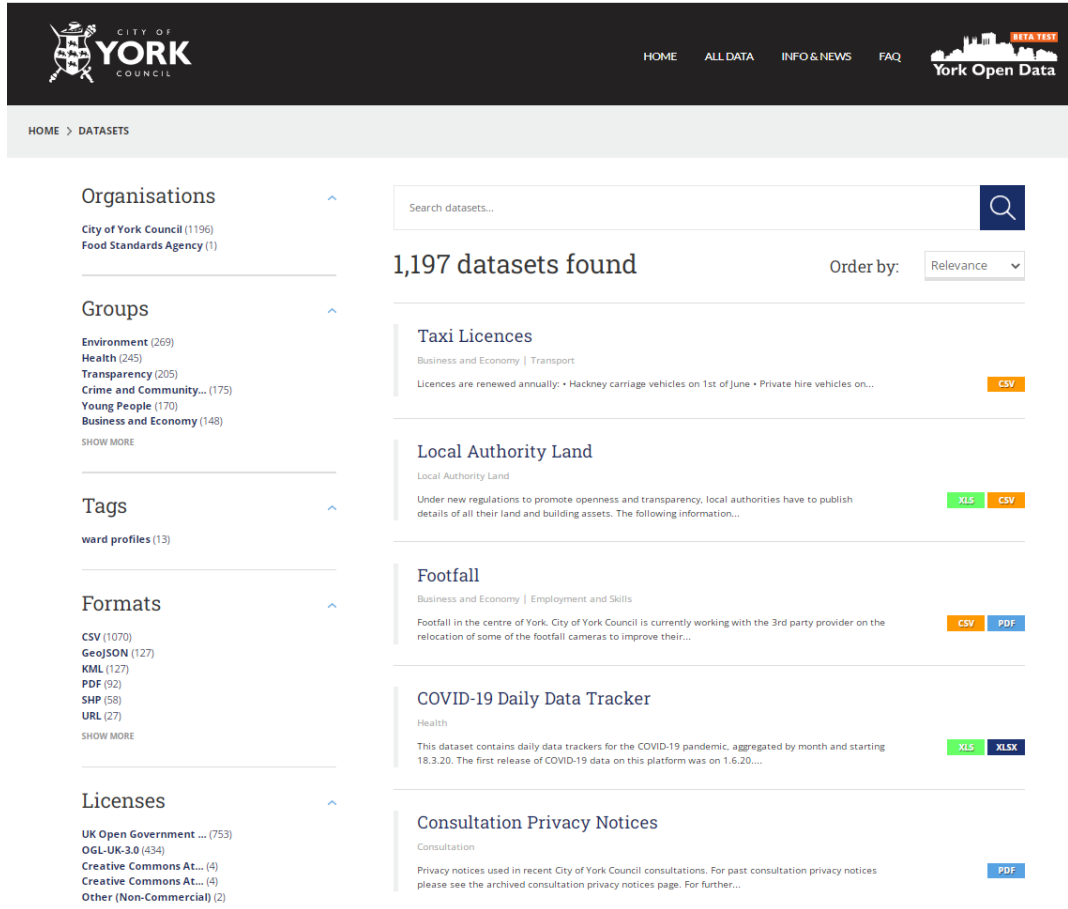
The home page is the default landing page for YOD.

You can find:

1) a search bar for browsing the data

2) a list of data topics

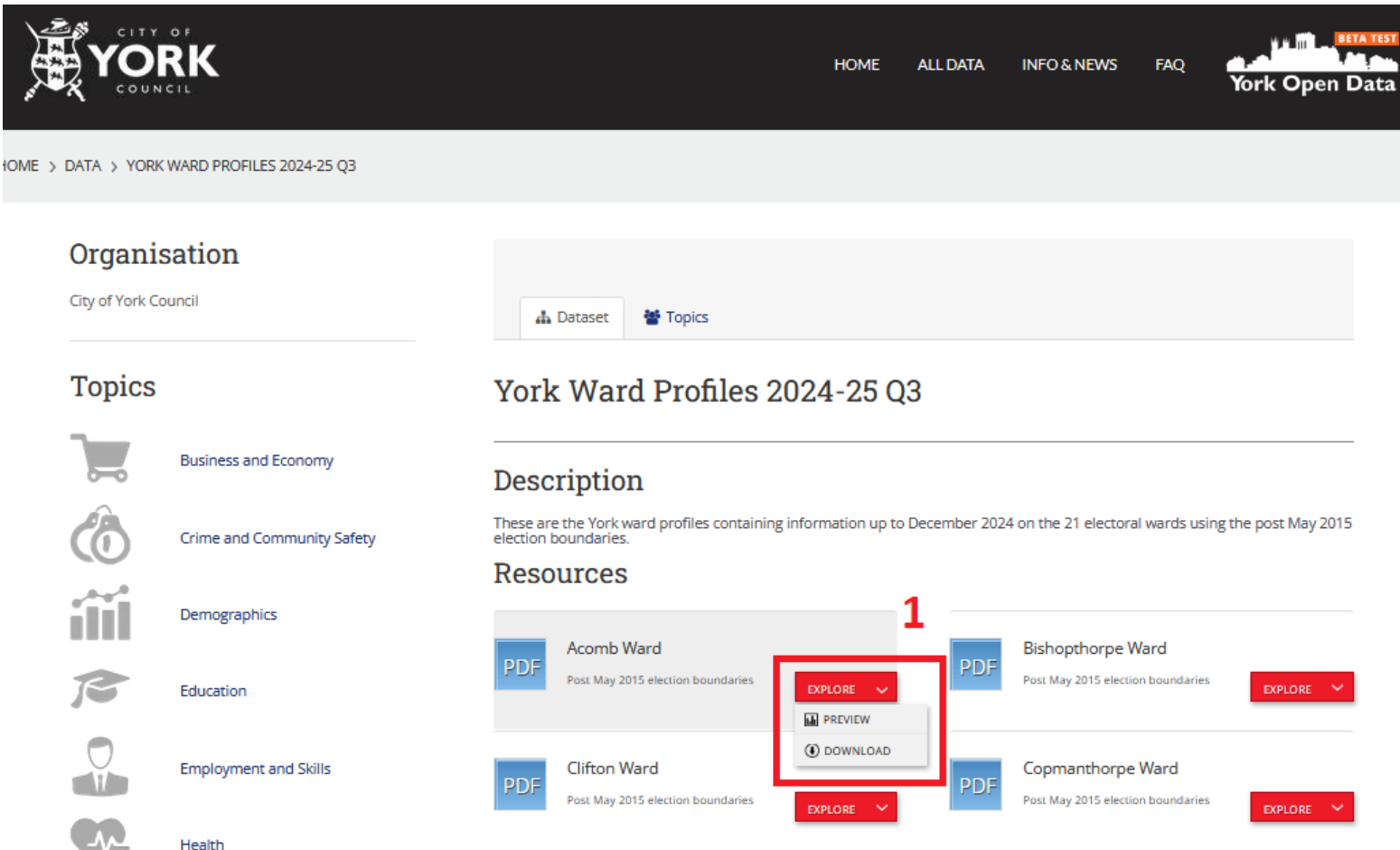Produced by the Business Intelligence Hub

Searching Open Data

Clicking on the "All Data" tab on the header (or clicking on the magnifying glass of the search bar without entering any searching string) displays all the available datasets on the platform.

Search 'User Guide' to download the York Open Data User Guide

Produced by the Business Intelligence Hub

![York Open Data logo]

Searching Open Data

When selecting a resource In a dataset page you can:

- Preview the resource

- Download a copy of the resource

Potential Improvements

Future Goals / Challenges

- Further data held in CYC.
- Discussing with partner's about further data.
- Infographics for Ward Profile type products hanging off data within YOD / GIS.
- Promoting data to developers.
- Moving data from CYC's website to YOD.
- Maintaining underlying architecture in platform.
- Maintaining underlying architecture in CYC for publication.
- Maintaining underlying architecture in Systems which hold base data.

However:

- High cost to develop and maintain any new processes.
- Keeping on top of current technology challenging.
- Purpose on platform is to provide 5 star machine readable data not conduct analysis.
- Not trying to change what Open Data platforms are traditionally about.

Produced by the Business Intelligence Hub

CITY OF YORK COUNCIL