



EUROPEAN  
DATA PORTAL

# Mastering Open Data:

## Interactive learning at the European Data Portal

[data.europa.eu/europeandataportal](https://data.europa.eu/europeandataportal)



## What we do

More and more volumes of data are published every day. A substantial amount of this data is collected by governments. But for the data to be used, it needs to be accessible.

The launch of the European Data Portal is one of the key steps the European Commission is taking to support the access to public data. The Portal harvests the metadata of the Public Data made available on national data and geospatial portals in European countries. Beyond making data accessible, the Portal addresses the whole data value chain: from data publishing to data re-use.

A series of support activities are designed to foster the publishing of more data. In addition, the re-use of public data is encouraged, as this will

drive economic benefits and innovation.

## Training and Library

To support data publication re-use, the European Data Portal hosts a Training and Library section.

**The Library** offers a central access point to material on and around Open Data. Material from many European funded projects is made available. Also, all Open Data news items posted on the Portal are archived here.

**The Training section** is an interactive online learning environment. Training has proven a vital step in providing the necessary support to increase the release of data sets.

The eLearning programme on Open Data is designed to be as more practical as possible, so that trainees not

only gain knowledge about the most up-to-date techniques and best practices but also learn how to best apply that knowledge in their daily activities.

The offered eLearning modules differ in depth of content. The first modules focus on general questions. Further modules deal with advanced technical details. The learning section is divided as follows:

### What is Open Data?

Essential questions are answered: What is data? What makes data open?

### Unlocking value from Open Data

How do governments, businesses and individuals use Open Data to create new value?

### Open Data. Agent of Change

Understanding similar characteristics of successful initiatives can help unlocking value of Open Data.

“

The European Data Portal fosters the re-use of public data resources

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## WELCOME

Welcome to the European Data Portal eLearning programme. This programme has been designed to enable you to discover what Open Data is and how it is changing the lives of everyone on our planet.

*Scroll down to discover each of the available lessons.*



### Why do we need to license?

Why does Open Data need to be licensed? And how does this lead to value?

### Assessing Open Data quality

A number of community-based standards can help assess data usability.

### Measuring success

How can success be measured?

### Sustainability

Why does sustainability matter? And how to make sense of sustainability?

### Open Data platforms

A platform is a major piece of software on which smaller pieces of software and content can be run.

### Open Data formats

Choosing the right format enables simpler management and reuse of the data.

### How usable is my data?

Best practice guidelines to assess how useful Open Data is.

### Cleaning Open Data

How to find errors and correct them to make data more useful.

### Finding hidden data

Techniques to unlock hidden data.

### Linking up the web of data

Introducing the web of Open Linked Data and providing a roadmap.

## Goldbook

Another initiative to increase Open Data publishing is the creation of an Open Data Goldbook for Data Managers.

The Goldbook supports organisations on their path to 'open by default'. It offers a summary of all what is needed to successfully implement an Open Data initiative.



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**Last update:** August 2016

**For more information, please visit the European Data Portal or contact us via email.**

[data.europa.eu/europeandataportal](http://data.europa.eu/europeandataportal) | [info@europeandataportal.eu](mailto:info@europeandataportal.eu)

The European Data Portal initial content has been collected by harvesting national public data and geospatial portals. Progressively, the portal will harvest additional metadata collected from regional, local and domain specific portals. Do you want your portal or website to be harvested by the European Data Portal? Read the requirements on the website.

Share your story about how you make use of Open Data. Are you an entrepreneur? A non-governmental organisation? A civil servant responsible for publishing data? A local authority? Tell us your story! The purpose of the collection of use cases is to assemble interesting European stories about the benefits and efficiency gains that result from the use of Open Data. Contact us via the website and fill out the form.

## Consortium:

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