



DEVELOPING DIGITAL DATA LITERACY

# Module 1

## Information & Data Literacy

*Expert Level Activities*

Open Data in more depth

**D3** - A project to integrate open data, digital skills & democratic engagement in schools



open data charter

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# What is open data?

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- Complete the following eLearning module from European Data Portal
  - <http://www.europeandataportal.eu/elearning/en/module1/#/id/co-01>
- **Activity:** Answer the following questions:
  - What does ‘open’ imply in ‘open data’?
    - “Openness” from The Open Definition (<http://opendefinition.org/> )
    - What is Open Data? (<https://www.europeandataportal.eu/en/training/elearning/what-open-data> )
  - What makes data open?
  - Why do we need open data? Can you think of other benefits by the use of open data apart from that mentioned in the above eLearning module?



# What makes quality open data?

- Complete the following eLearning module from European Data Portal
  - <https://www.europeandataportal.eu/elearning/en/module5/#/id/co-01>
- **Activity**: Answer the following questions:
  - What makes quality open data? Mention some characteristics.
  - What requirements of high-quality open data the community defines?
  - Which are the two key indicators of open quality data?





# Reflection and Discussion

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- Find examples of different kind of topics in Science, daily life, Education etc. and answer for each topic the following questions:
  - Describe what could be raw data in that subject
    - e.g. climate change (possible raw data indicators)
      - temperature where is the atmosphere? Sea surface temperature? Global temperature?
      - Sea level
      - Arctic sea ice condition
      - More...
  - Which of these data could be made open?
  - How could Open Data in that topic be useful?





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# Activity

- Visit <https://certificates.theodi.org/en/datasets> where you can browse all the datasets that have an ODI certificate.
  - Filter by your Country and certificate level to see how many datasets will come up and from which organisations.
  - Are there any datasets with a “Platinum Level” certificate in your country?



# How useful is my data?

- Complete the following eLearning module from European Data Portal
  - <https://www.europeandataportal.eu/elearning/en/module10/#/id/co-01>
- Activity: Visit datasets and various open data. Choose some of them and evaluate how many stars of open data they have. Example of datasets and websites of various content to visit is given below
  - [Free eBooks | Project Gutenberg](#)
  - [ScienceDirect.com | Science, health and medical journals, full text articles and books.](#)
    - Search for a topic (e.g. “open data”) → click the first result → can you see the full article? → how many stars would you give to that article?
  - [Datasets - European Data Portal](#)