

Your total score

57 out of 100

Email: sarka.faloutova@outlook.cz

Date: May 12, 2021

Code:

## About Data Literacy

The Data literacy (DL) assesment is an open research project developed at Prague University of Economics and Business. In cooperation with industry professionals, DL has been developed to offer simple yet powerful ways to measure something never before measurable: An individual's data literacy level, by relating it to five traits linked to individual data literacy capability.

## About Competencies

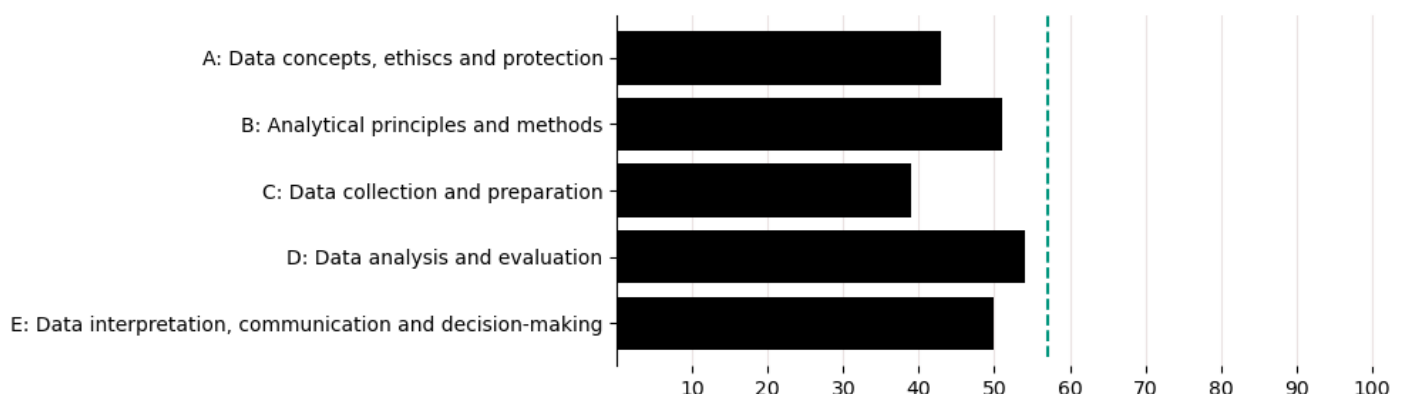
Data literacy assessment evaluates your knowledge and skills in 5 areas:

- **Section A "Data concepts, ethics and protection"** evaluates respondents' ability to understand the role, characteristics of data and basic concepts of data management. This component also measures the awareness of data ethics principles.
- **Section B "Analytical principles and methods"** evaluates knowledge of basic approach to problem-solving with data and ability to recognize visualization techniques. Knowledge of analytical methods used in business is also measured.
- **Section C "Data collection and preparation"** evaluates respondents' ability to identify relevant data sources and ability to access, extract and store data. This section also measures ability to recognize data quality.
- **Section D "Data analysis and evaluation"** evaluates respondents' ability to apply analytical and visualization methods as well as to interpret graphs. This section also measures the ability of dimensional modeling.
- **Section E "Data interpretation, communication and decision-making"** evaluates knowledge of basic approach to problem-solving based on data and ability to recognize visualization techniques.

## Your result overview

You reached the intermediate level of the data literacy assessment scale which indicates that you have solid basics in data concepts and skills for handling data, however, there is still some space for improvement to become data literate. Find practical tips below how to improve your data skills in the particular sections of data literacy based on your results.

As the vertical line shows, your personal data literacy is currently **57 out of 100**.



This is not a fixed level, anyone can grow their data literacy level. Your DL level has been estimated using methodology developed at the Faculty of Informatics at Prague University of Economics and Business.

# Your detailed results

## Section A - Data concepts, ethics and protection

- Ability to understand the role of data.
- Ability to understand basic characteristics of data.
- Ability to understand basic concepts of data management.
- Awareness of data ethics principles and legal limitations.
- Ability to understand advanced characteristics of data.
- Ability to understand advanced concepts of data management.

**Your score**

**43 out of 100**

Awareness	Basic	Intermediate	Advanced	Expert
-----------	-------	--------------	----------	--------

### What your score means

Your score implies intermediate level of knowledge of data concepts, ethics and protection which serve as a knowledge foundation of data analytical skills. You understand concepts crucial for consumers of data.

### Recommendation

You can further enhance your knowledge of data concepts, ethics and protection with well compiled, [free introduction into Data Fluency by Barton Poulson](#) or with the EDX course on [Data Analytics Fundamentals](#). You can also start your data literacy journey right away with [Tableau data literacy program](#).

## Section B - Analytical principles and methods

- Knowledge of basic approach to problem-solving with data.
- Ability to recognize elementary visualization techniques.
- Knowledge of analytical methods used in business.
- Knowledge of advanced visualization techniques.

**Your score**

**51 out of 100**

Awareness	Basic	Intermediate	Advanced	Expert
-----------	-------	--------------	----------	--------

### What your score means

Your score implies intermediate level of knowledge of analytical principles and methods which serve as a knowledge foundation of data analytical skills. You have clear understanding of the distinct phases of the data analytical process, you can recognize adequate measurement techniques for a given problem and what visualization to use for which purpose.

### Recommendation

Boost your knowledge of data visualization principles with [free introductory videos](#) in Data Fluency course by Barton Poulson or start your data literacy journey right away with [Tableau data literacy program](#). To improve your ability of choosing the right visual for given purpose, look at this [practical chart guide](#) or [Tableau's Quick Guide for Better Data Visualizations](#).

## Section C - Data collection and preparation

- Ability to identify relevant data sources for a given problem.
- Ability to access or extract data in required structure.
- Ability to recognize data quality issues and ability to clean data.
- Ability to transform data into the target structure.
- Ability to create complex meta data.

**Your score**

**39 out of 100**

Awareness	Basic	Intermediate	Advanced	Expert
-----------	-------	--------------	----------	--------

### What your score means

Your score implies basic level of abilities needed for data acquisition and their transformation. You are able to identify most of the relevant data for a given problem and perform some basic data transformations.

### Recommendation

Kick off your data preparation skills with basics in [practical video guide](#) of Data Fluency and dive into SQL introduction on [DataCamp elearning platform](#) for free.

# Your detailed results

## Section D - Data analysis and evaluation

- Ability to apply basic analytical methods.
- Ability to apply elementary visualization methods.
- Ability to interpret basic graphs and tables.
- Ability to apply analytical methods used in business.
- Ability to create a simple dimensional model.
- Ability to apply advanced visualization methods.
- Ability to interpret more complex charts and models.

**Your score**

**54 out of 100**

Awareness	Basic	Intermediate	Advanced	Expert
-----------	-------	--------------	----------	--------

### What your score means

Your score implies intermediate level of abilities needed for data analysis and evaluation. You are able to follow phases of data analytical process and apply a proper visualization for a given problem. You can interpret standard charts and tables.

### Recommendation

Learn how to advance your data analysis skills in [hands-on workshops in Microsoft Power BI](#) or various [freely available analytical tools](#) with EDX course.

## Section E - Data interpretation, communication and decision-making

- Ability to apply basic analytical methods.
- Ability to apply elementary visualization methods.
- Ability to interpret basic graphs and tables.
- Ability to apply analytical methods used in business.
- Ability to create a simple dimensional model.
- Ability to apply advanced visualization methods.
- Ability to interpret more complex charts and models.

**Your score**

**50 out of 100**

Awareness	Basic	Intermediate	Advanced	Expert
-----------	-------	--------------	----------	--------

### What your score means

Your score implies intermediate level of abilities for data apprehension, delivery of conclusions and making decisions based on data. You are able to converse data into actionable information and use it for decision in a given context. You can apply best practices for communication of your analytical conclusions and support them with data.

### Recommendation

Explore decision-making based on the data in the example of sport analytics in this [free EDX course](#) and enhance your data storytelling with [this video](#) focused on how to tell a story users will love.

