DIGI-VET

FOSTERING DIGITISATION AND INDUSTRY 4.0 IN

VOCATIONAL EDUCATION AND TRAINING

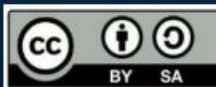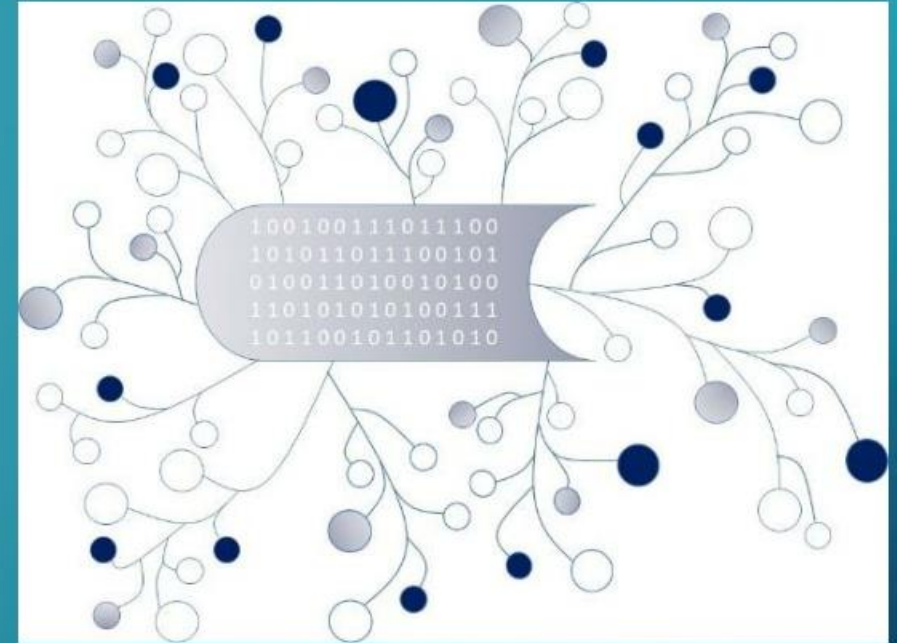**Training Modules for the Learner**

Module 1:

Digitisation Terms and history

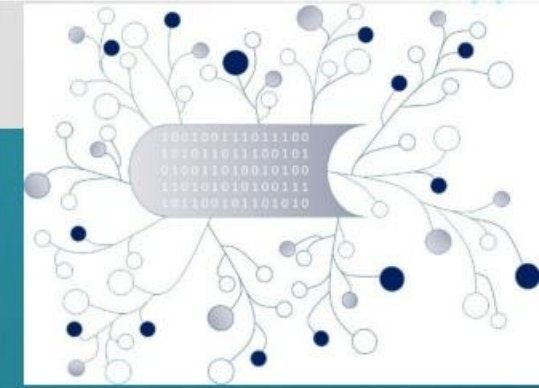University of Paderborn, Jennifer Schneider

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Co-funded by the
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Agenda of Module A: Digitisation Terms and history

1. **Explanations of Digitisation, Digitalisation and Digital Transformation**
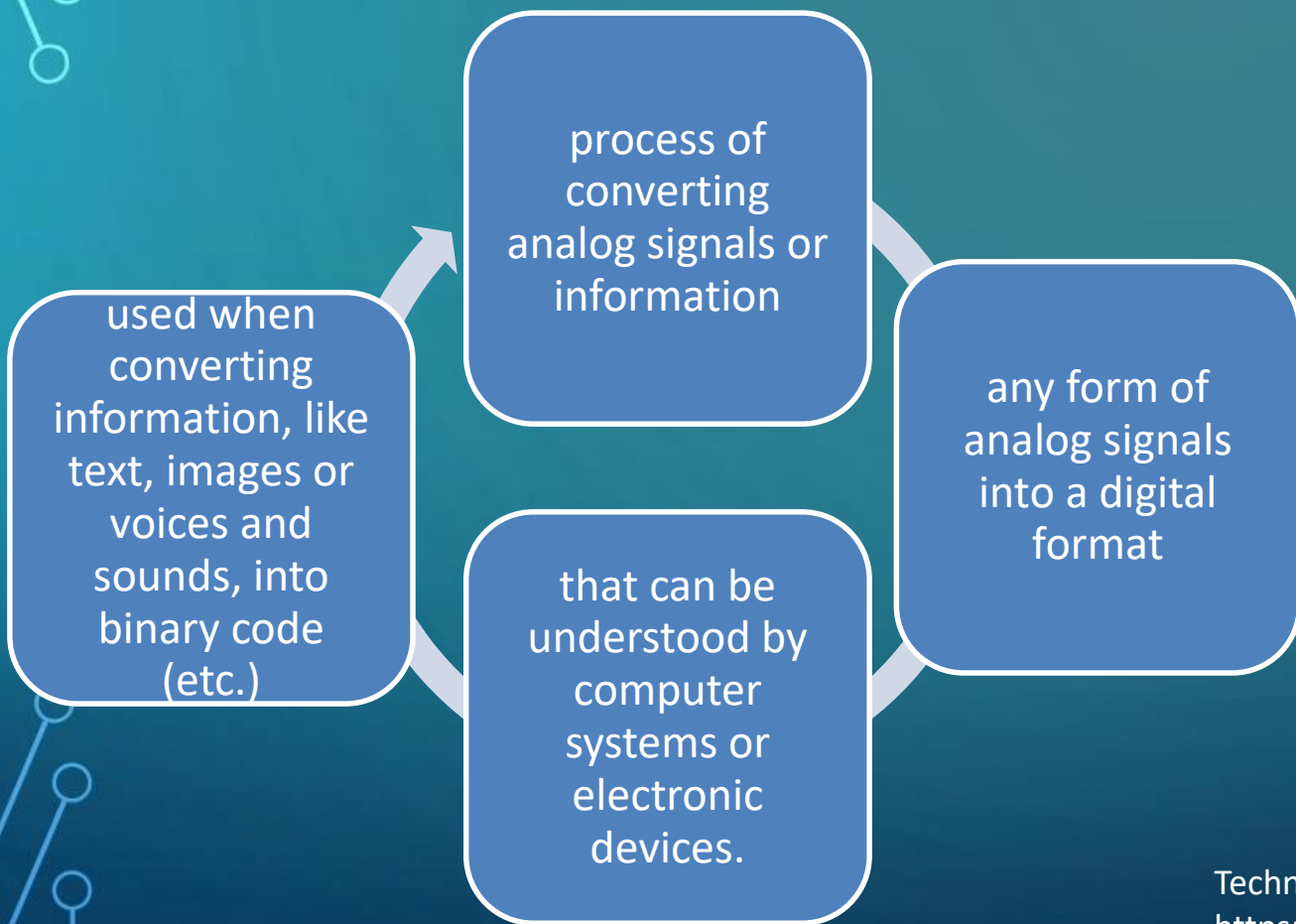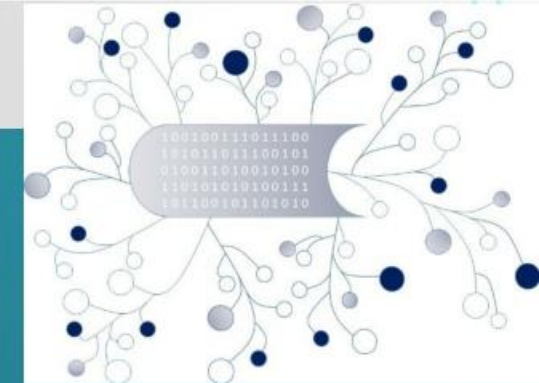
   1.1 Task Task- Multiple Choice Task

   1.2 Task - Multiple Choice Task

2. Video about the history of Digitisation and Industry

   2.1 Task - Video

   2.2Task – Multiple Choice Task

What does Digitisation mean?

used when converting information, like text, images or voices and sounds, into binary code (etc.)

process of converting analog signals or information

that can be understood by computer systems or electronic devices.
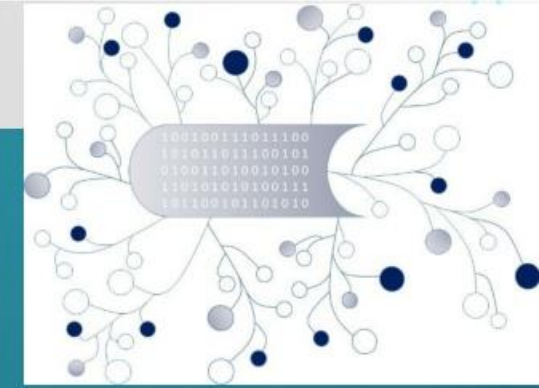
any form of analog signals into a digital format

Reasons for Digitisation:

Digitized information is easier to store, access and transmit, and digitization is used by a number of consumer electronic devices.

Technopedia (2019): Digitization. On the internet: https://www.techopedia.com/definition/6846/digitization [Jan.; 2020]

What means Digital Transformation?

Digital Transformation

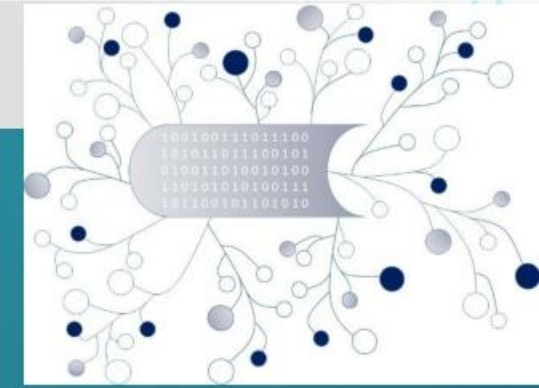### two distinct aspects of digital transformation

Digital Transformation: can focus on **technology**, in which case we are talking about **process & systems transformation**.	Digital Transformation: can focus on **the people** within an organization, in which case we are talking about a **transformation of culture.**

Sedlacek, Jan (2018): What does digitization really mean? – A framework for practitioners. On the internet: https://stryber.com/digitization-framework/ [Jan.; 2020]

What are the differences between dDgitisation, dDgitalisation and Digital Transformation

Digitisation: "Just" transitioning from analog to digital

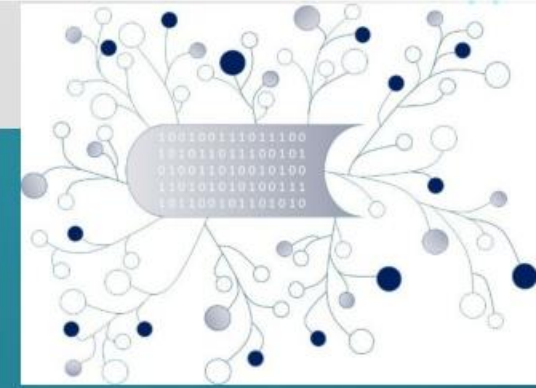**Digitalisation**: Making digitised information work for you

Digital Transformation: Taking advantage of digitalisation to create completely new business concepts

Irniger, Anna (2017): Difference between Digitization, Digitalization and Digital Transformation. On the internet: https://www.coresystems.net/blog/difference-between-digitization-digitalization-and-digital-transformation [Jan.;2020]

Task

Please answer the next H5P.org tasks!

Task

Thank you for trying out H5P. To get started with H5P read our getting started guide

What does digitisation mean?

☐ It is a process of converting analog signals or information.

☐ Used when converting information, like text, images or voices and sounds, into binary code.

☐ It can be any form of analog signals into a digital format.

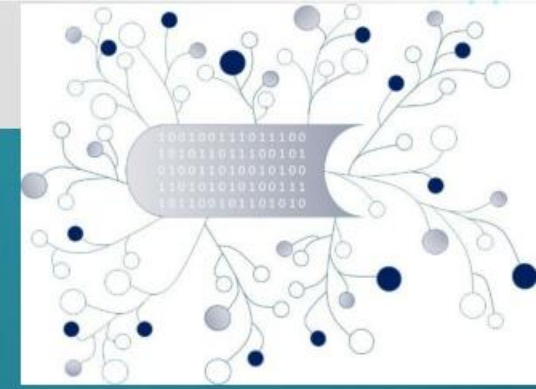☐ cannotbe understood by computer systems or electronic devices.

✓ Check

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ModuleA:Digitisation Terms and History_DE_I

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src="https://h5p.org/sites/all/modules/h5p/library/js/h5p-
resizer.js" charset="UTF-8"></script>
```

Task

ℹ Thank you for trying out H5P. To get started with H5P read our getting started guide

What are the differences between digitisation, digitalisation

and digital transformation

☐ Digitalisation means: making digitised information work for you

☐ Digitisation transformation means: "Just" transitioning from analog to digital

☐ Digital transformation means: taking advantage of digitalisation to create completely new business concepts

✔ Check

ModuleA:Digitisation Terms and History_DE_I

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Agenda of Module A: Digitisation Terms and history

1. Explanations of Digitisation, Digitalisation and Digital Transformation
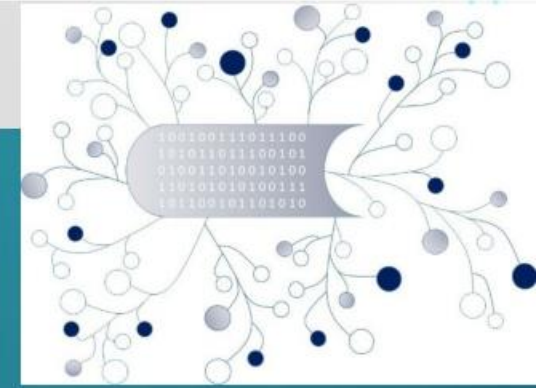
    1.1 Task- Multiple Choice Task

    1.2 Task - Multiple Choice Task

2. **Video about the history of Digitalisation and Digital Transformation**
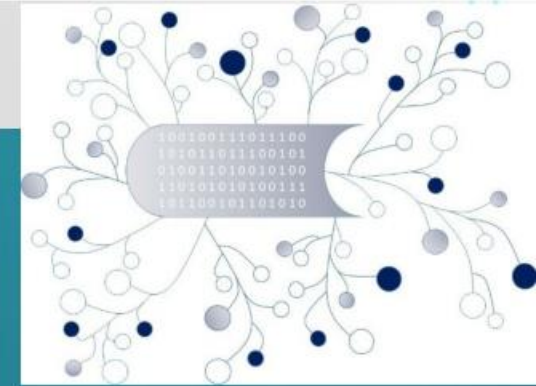
    Digitalisation Terms

    2.1 Task - Video

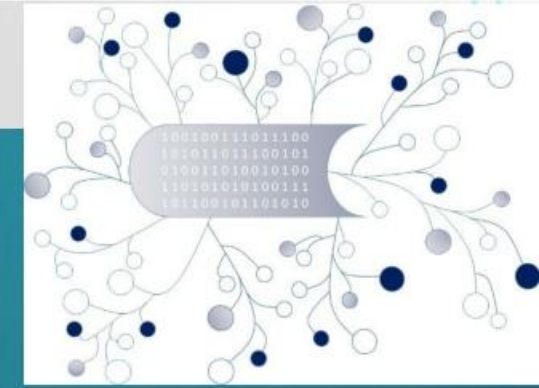   **2.2Task - Multiple Choice Task**

Task

Please watch the following video about the **history of Digitalisation and Digital Transformation Digitalisation Terms.**
Please take some notes!

Task

TASK

New ways – New markets
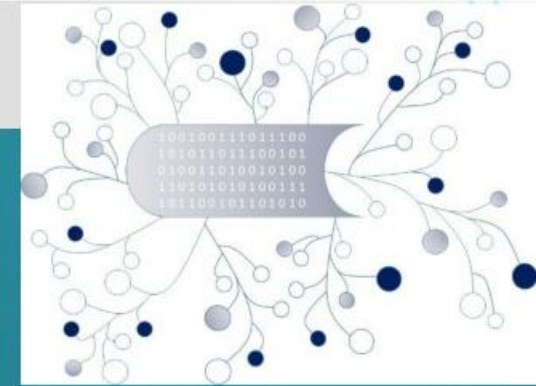If it was a **country**, the 200 million iTunes users would be the **fifth largest in the world**, bigger than Brazil

Link: https://www.youtube.com/watch?v=698GtFnoiK8

Task

Please answer the next H5P.org tasks about the video!

Task

Thank you for trying out H5P. To get started with H5P read our getting started guide

Please tick the correct aswers!

- ☐ Digitalisation creats new markets, but no new customers
- ☐ Our computation capacity has grown 100 times faster than the world economy
- ☐ digital transformating is about the impact of digital reality on real world business
- ☐ Netflix is the leader in movie streaming in 2010
- ☐ Our computation capacity has grown 9 times faster than the world economy
- ☑ Our telecommunication doesn´t grow in the last five years

✔ Check

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CONTACT

Universität Paderborn
Department Wirtschaftspädagogik
Lehrstuhl Wirtschaftspädagogik II
Warburger Str. 100
33098 Paderborn

http://www.upb.de/wipaed
http://digivet.eduproject.eu/

Prof. Dr. Marc Beutner
Tel: +49 (0) 52 51 / 60 - 23 67
Fax: +49 (0) 52 51 / 60 - 35 63
E-Mail: marc.beutner@uni-
paderborn.de