

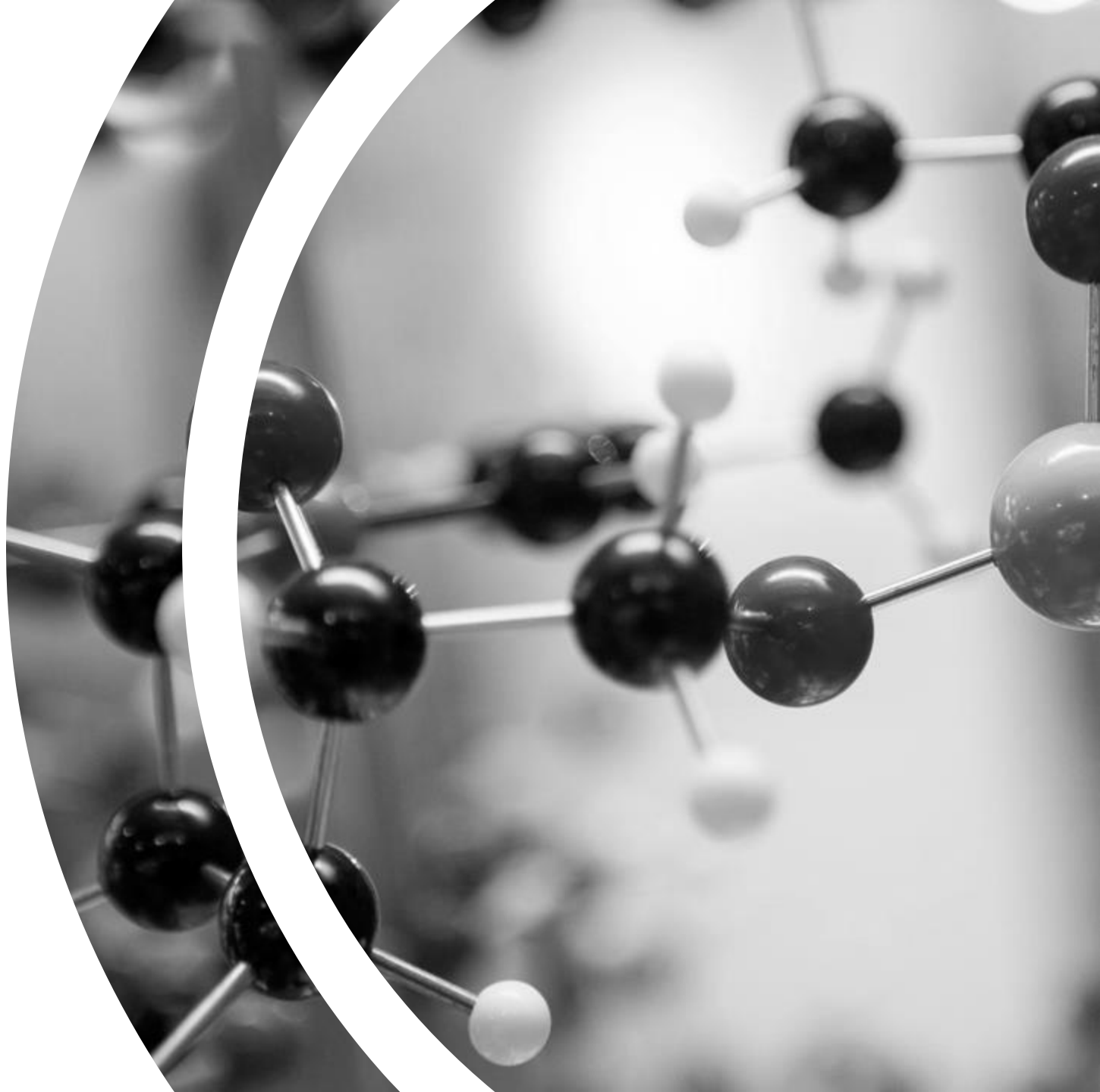
DIGITAL SKILLS AND RESEARCH METHODS

**Use Of Technology In Health And
Social Care**

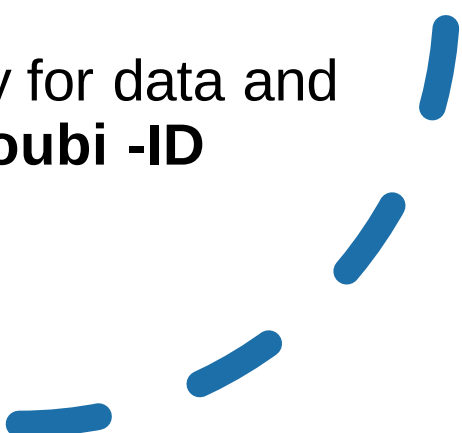
LECTURER : Gregory Cowan

UWTSD Certh Hsc

LCHS4002

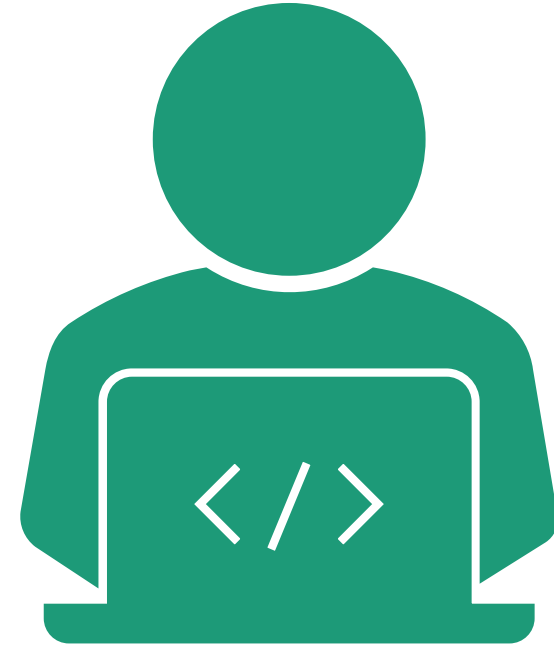


***PHOENIX
GROUP
PRESENTATION***

- The use of technology during Covid-19 pandemic -
Perla Marotta - ID : 2218866
 - The use of digital communication , collaboration
and participation **Badon Abdul - ID: 2218364**
 - The use of digital literacy for employee well-being
and their professional career
development (teaching, e-learning and self-
development) **Hillary Agueton -ID 2216993**
 - The relevance of technical proficiency for data and
information handling **Hanane Yaakoubi -ID
2218256**
- 

Technology during covid 19

The Covid-19 pandemic has resulted in the adoption of digital technology in the NHS and changes to the way services are delivered at an incredible place. So as the health service works hard to get back to something like normality, are all the elements of this sea change in digital practice positive, or do some adaptations need further scrutiny before they become more deeply embedded?



Changes During The Pandemic

The mental health of the UK's children and young people was deteriorating before the pandemic, while health, educational, and social outcomes for children with mental health conditions are worse than for previous cohorts.





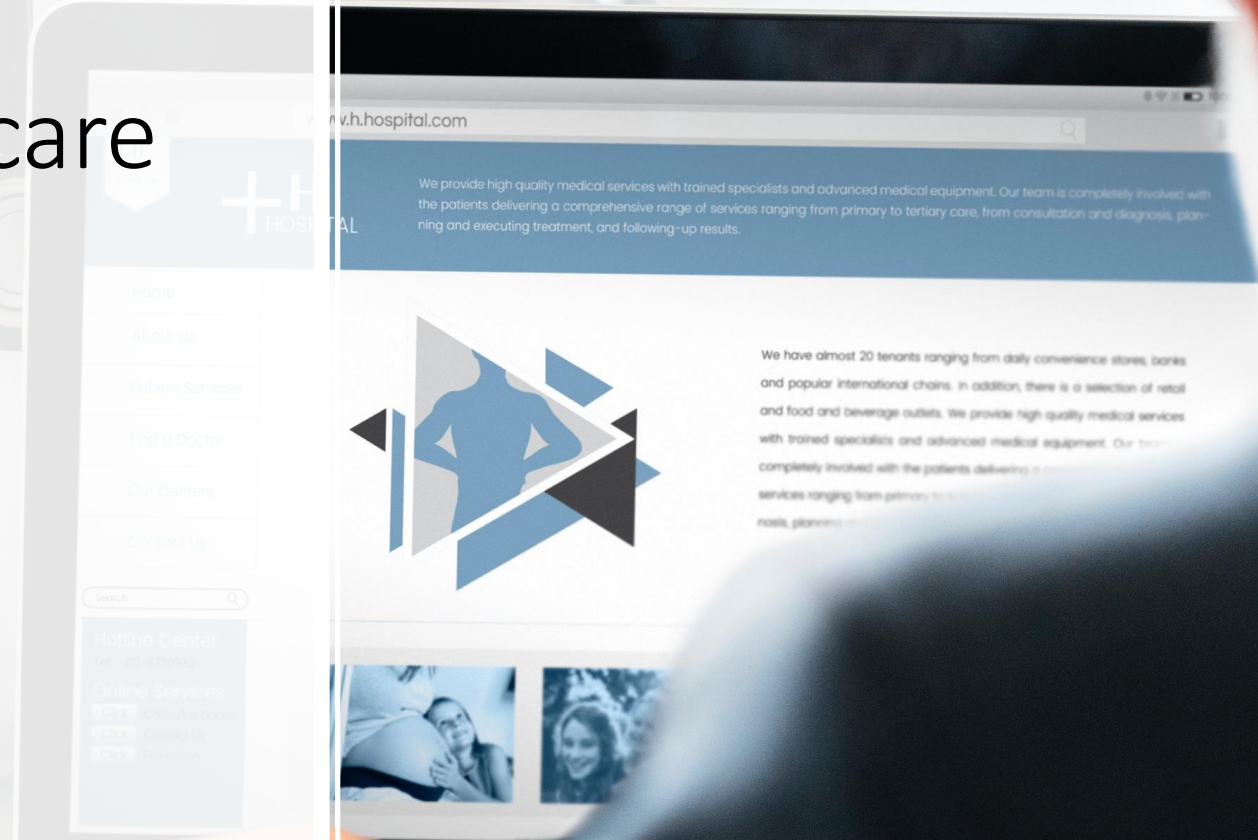
Difficult situation
during the pandemic
that affect patients

- COVID-19 has sparked more serious mental health problems.
- **Depression**
- **Anxiety**
- **Post-traumatic stress.**



The use of digital communication in health care

- ❑ **Electronic medical records ;**
- ❑ **The use of internet and email ;**
- ❑ **Telemedicine's tools.**



A female healthcare professional with dark hair and glasses, wearing blue scrubs, is looking down at a patient lying in a hospital bed. The patient is wearing a blue hospital gown and has a blue identification band on their wrist. The background shows a hospital room with medical equipment and other staff members in blue scrubs.

Collaboration in healthcare

Health care assume the **involvement** of family and patients and many other professional, in such a way that patients **are included** and do their therapies and care in exceptional way.

Participation in health care

The authors search the outcomes of professional participation in health care and combining **qualitative and quantitative research**. An example in the quantitative research are the authors that go to customer survey data and transactional data.





Digital Literacy Employee Well-Being

- What is the well-being of employee?

Employee wellbeing is described for the most part as staff happiness. It is also can be defined as physical, emotional and economic health of your employees. It is caused by various factors such as the relationship with the employer , co-workers and decisions, they have to make.

Working in the right environment is the success and a health company.

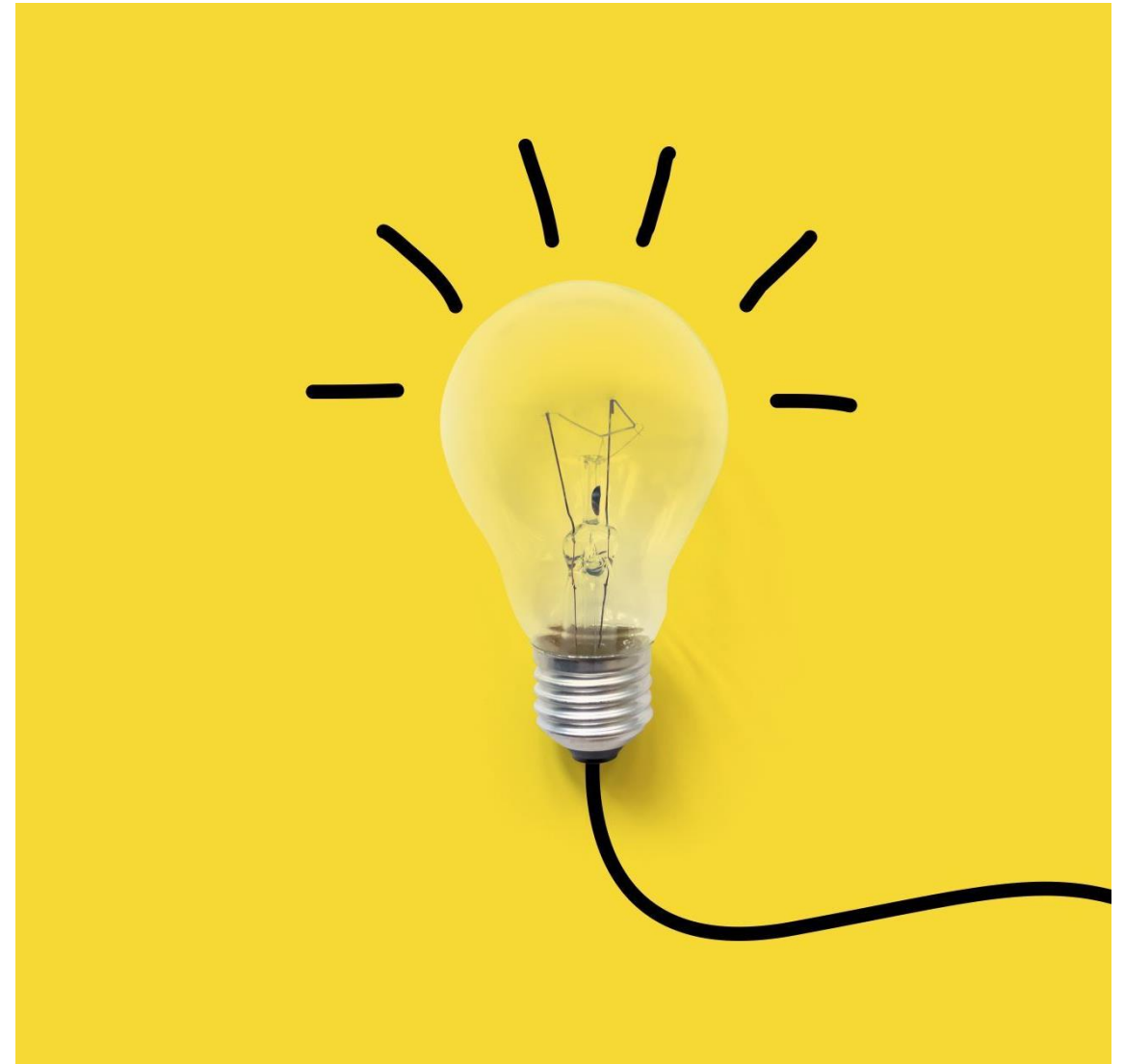
What are the components of digital literacy?

The components of digital literacy are:

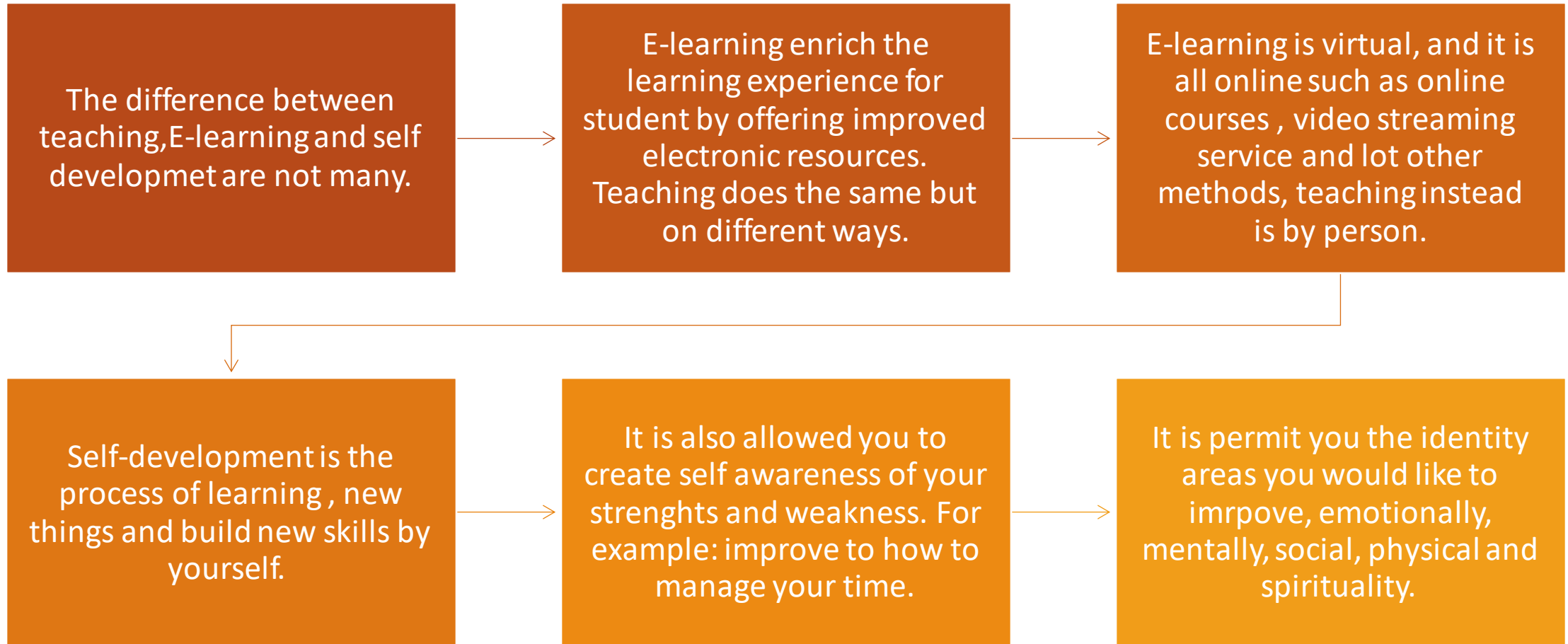
- ❖ Critical Thinking;
 - ❖ Collaboration and Creativity;
 - ❖ Communication;
 - ❖ Functional Skills;
 - ❖ Online Safety Skills;
 - ❖ Comprehension.
- 

Professional Career Development

- The professional career development is the procedure of self-assessment such as career exploration, planning and strategies. It is also a way to improve yourself through learning and training to advance in your career.
- The well-being is very important as well in your own profession, because you need to be mentally and emotionally ready to deal with certain that may face you



Teaching, E-learning and Self Development



The relevance of technical proficiency for data and information handling



It provides the way to get access to advanced treatments in order to help and solve difficulties that individual patient might face.



Synthesis 13 is the App used in the UK to associate data from large clinical systems within its organisation. Hospital and GP can access to it to have all clinical informations and advises about their partients.



According to J (2014,59)
is essential that bosses
takes advantage of the
promise of data analytics

In USA three forms are adopted for
data analytics:

1. **Small data**
 2. **Predictive modelling
expansion**
 3. **Real-time analytics**
-

Advantages and disadvantages



Advantages

- Safety
- Mobility
- Responsibility for own health
- Knowledge about health and diseases
- Time saving

Disadvantages

- Privacy risk
- Micro-management
- Cost in investment
- Data ownership
- Data loss

References

- ❑ Perla Marotta :
 - ✓ Dan Shewan (2022) ;
 - ✓ Tamsin Ford, Ann John, David Gunnell ;
 - ✓ Some ideas from " World Humanitarian Day " .
- ❑ Badon Abdul :
 - ✓ According to Nancy B. Finn, Wiliam F. Bria (2009)
 - ✓ Lyndon Morley , Angela Cashell (2006)
 - ✓ (Jens Hogreve, Andrea Beierlein (2017) .
- ❑ Hillary Agueton :
 - ✓ M.Miles. (10.02.2022). Are you reaching your full potential? A guide to personal development.
 - ✓ T. Davis, Ma , PHD. (n.d.0 Self Development : The 9 skills You Need to Improve Your Life.
 - ✓ S. Awashi (18/05/2022) . Digital Literacy in the workplace : What, Why and how?
- ❑ Hanane Yaakoubi:
 - ✓ Slide 12: Moodle - Technologies in Health and Social care, page 3 - Week 2 session 1 - LOHS 4002 (H & Sc) -
 - ✓ Slide 13: Mary J Willis - 2014 July- August 59 (4) - Article Decisions through data: Analytics in healthcare. - National library of medicine. - Access: 25 November 2022 - PMID: 25154123 - DOI: [10.1097/00115514-201407000-00005](https://doi.org/10.1097/00115514-201407000-00005)
 - ✓ Slide 14: Sven Jungmann and Peteris Zligalvis - June 2015 -
From Spectators to charge Agents: Empowering European Citzebbs as drivers of e-health Innovation. - Working paper series No. 2 - National library of Medicine - Access: 25 November 2022

