ABBYY®

AI for Future Education:
From Pupil to Minister

Helen Pospelova,
CEO, ABBYY 3A
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The Age of AI

Forrester Research says that in 2017 Investments in AI will grow **threefold** in comparison with the previous year.

The biggest casualty to AI won't be jobs, but the final and complete eradication of trust in anything you see or hear.

WIRED (UK)
Oliver Franklin-Wallis

"**Artificial Intelligence** has the potential to accelerate progress towards a dignified life, in peace and prosperity, for all people". "The time has arrived for all of us – governments, industry and civil society – to consider how AI will affect our future".
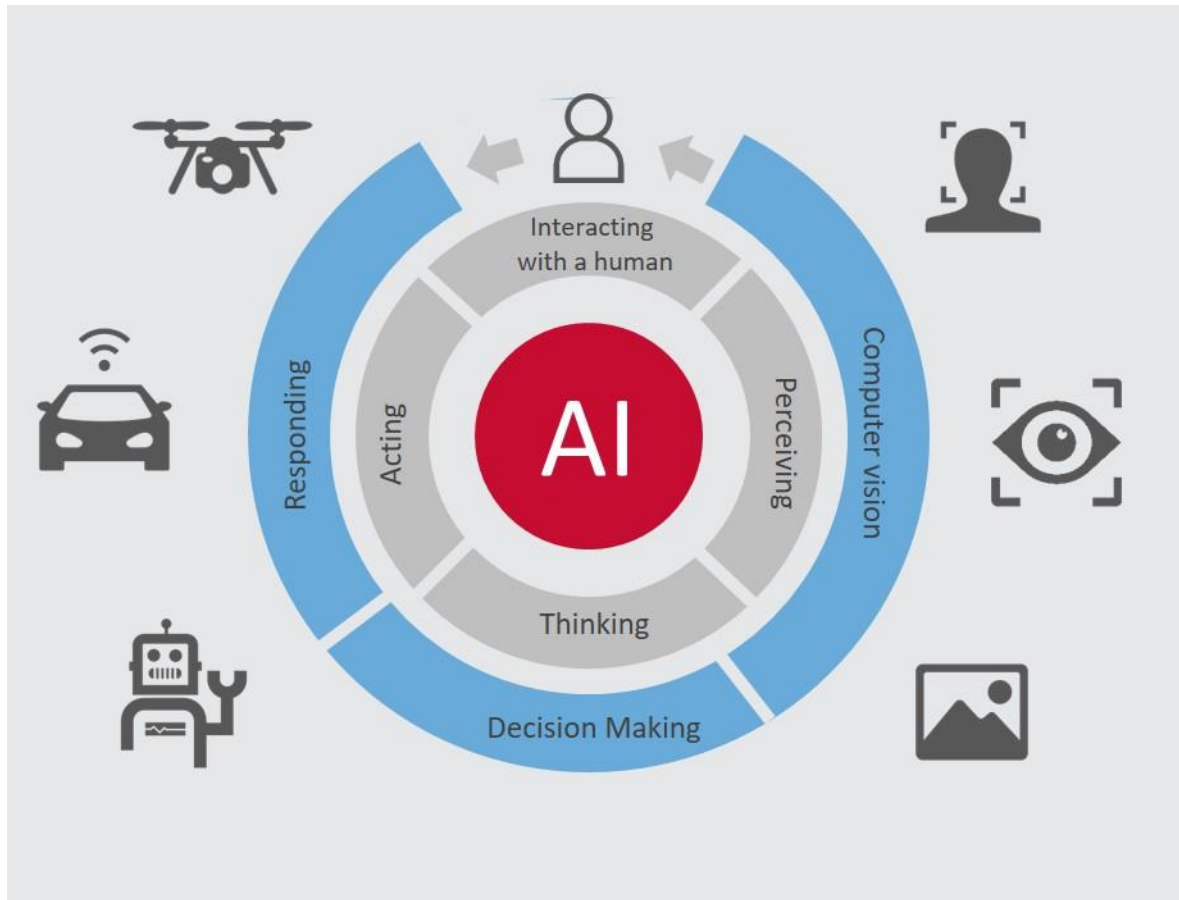
UN Secretary-General
António Guterres

IDC predicts the growth of the rank by 2020 from 8 to 47 billion dollars

"The pace of progress in artificial intelligence (I'm not referring to narrow AI) is incredibly fast. Unless you have direct exposure to groups like Deepmind, you have no idea how fast—it is growing at a pace close to exponential. The risk of something seriously dangerous happening is in the five-year timeframe. 10 years at most."

Elon Mask

To be or not to be?

AI Applications: Computer Vision

- **Most Developed Field**

  technologies with more then 100 years history: telegraph from German scientist for visually impaired, 1914

- **Proved in worldwide projects**

  different size & complexity: from censuses to digital libraries

- **Ready for Education**

  the best tool for studying of multiple sources and large volumes of information

- **Basis for Capture Industry**

  broad set of technologies used to collect information from image without manual data entry

ABBYY – leading player in Capture Industry

ABBYY was founded in **1989 by David Yang**

*We create artificial intelligence technologies and solutions and services that capture, translate, extract and **transform information into** accessible and useful **knowledge**.*
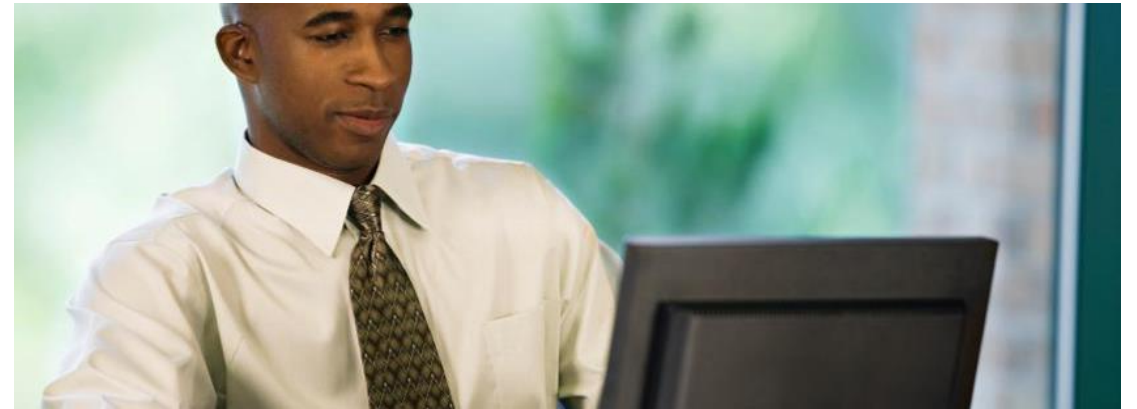
Capture Industry For Education

4 levels of penetration

Minister   Principal   Teacher   Student

Minister/Principal level

To provide students across the globe with equal opportunities

- Electronic nation-wide platform for conducting mass independent evaluation

- Transparent picture of the quality of the education across the region

- Saves time and money, helps to make fast and objective decisions

- Processing of the documents for university admission, exam sheets, tests, etc

- Reduction of error rates during entering personal data and evaluation of the student work

- Optimization of student data and internal university processes

Teacher/Student level

To create more efficient future learning process

- Conversion of scanned paper, images, PDFs to electronic formats, creation of electronic libraries available regardless the location

- Any paper- or image-original study materials can quickly and accurately become editable

- Eliminates time-consuming retyping tasks

- Mobile technologies to capture text from any source to translate, read aloud or find related information

- Real-time recognition technologies can be integrated in any mobile application

- Enable pupils to learn as they go

Capture Industry For Education

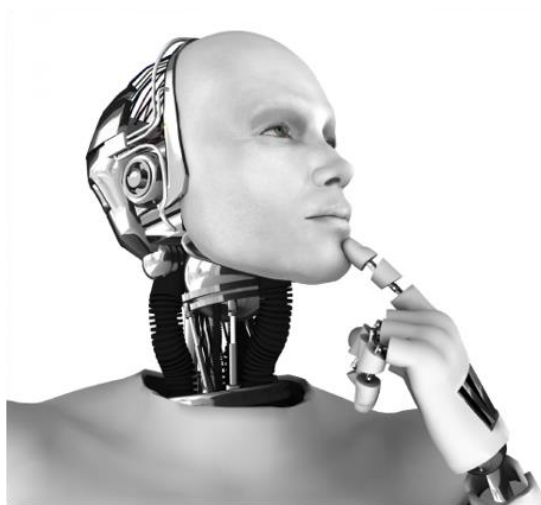# Capture Industry for Developing Countries

New technologies are often more enthusiastically received and more needed by geographically remote, economically poor and physically impaired ones

Social Equalizer

UNESCO Mission -
SUSTAINABLE EDUCATION FOR ALL

Private-Public-State partnership

IITE, «Future Schools»

In order to increase access and improve quality of 21st century education and achieve the overarch goal of Education 2030, new models of the school system environment are required. "Learning for the Future" will enable schools to enhance an innovative paradigm of the school educational environment so that they can play a more pro-active role in preparing students, teachers, parents and local communities to the rapidly changing reality both for the present and for the future

UNESCO

United Nations
Educational, Scientific and
Cultural Organization

IITE

UNESCO Institute
for Information Technologies
in Education

UNESCO

Software
Companies

Governmental
Agencies

Lets start building the future today!

Thank you!
Questions?