*- Do you think that the predictive algorithm needs the data from the primary school to develop a good students' profile? Or are they pretty useless given the changes kids have over time?*

*Could they be the first data in input for the training process?*

**Answer**: The grades of the student in the school are not relevant; patterns, activity, when kid start to build thing, application, project, look the history of the process, what do you do in the past 10 years, follow your passion, what type of activity, behavior of them over time; it matters only what you did.

5 skills inquiries: AICDR, university of Illinois

BUGS research (ted talk): how is the first approach to start a research project; any interest can drive the research, what drives them internal, their interest.

Who are the influence source, what’s the influence of this kid, who are the important people that supporting their hobbies and their activities, get in the psyche of the people, use the profile like a reflective tool (AICDR)

Quality of data! Robot is a baby and doesn’t have anything in the mind, so it doesn’t know which are the important information

Quality is more important than quantity

*- Do you know if there is a predictive algorithm that could be useful to study for my research work? Where can I find information about predictive algorithms that can develop students' profiles?*

**Answer**: How use AI to predict probabilities, look series of data and they give you a great probability to make those predictions.

2 problems: data collection (how and where: students don’t like test, they don’t want to do some psycho-attitude test or fill long form); age: 13-16 you don’t have the right to ask question

GDPR you can send email, but they have request the confirmation to the parents, to protect people.

16-17-18 perfect target, so they can start make decision without parents.

Opportunities: People selection for university (WIN-WIN, students knows better where they can go and university could improve the quality of the learning), company recruiting (to understand who could be the next employee)

Collision model: collecting info 3 shot: 2 lines (go to left was bad probability, back to the center, had images, they were label to find bad brhavior)

Example of AI behavior: career path, engineering: what is engineering and what is not engineering (probably not, probably (s)he doesn’t have the behavior), lower probability and higher probability to be engineering.

*- How can I find students’ characteristics that are needed to make personalized recommendations? Do you have any advice on how I can find this information?*

Gamification: technical question, ethical, collecting the response, to understand the way they reason

AI to understand behavior, their decisions.