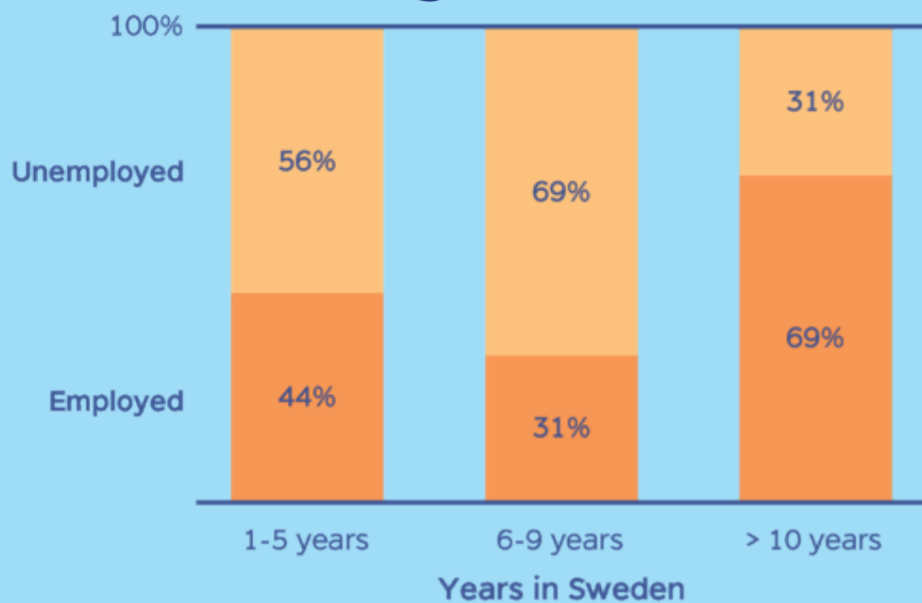


The SF(A)I Revolution

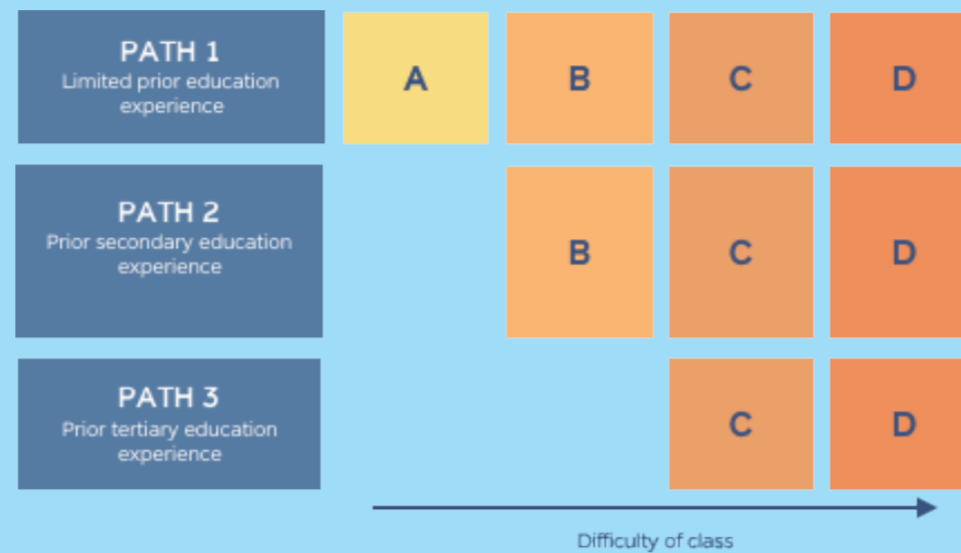
The Problem

Integration



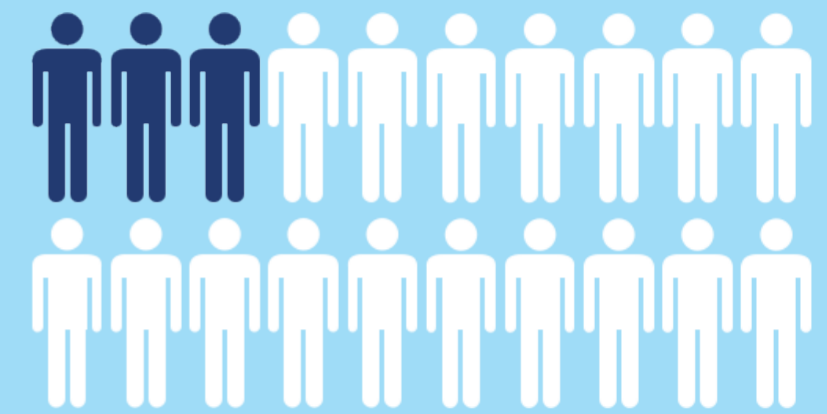
Sweden currently faces a huge problem with its integration of immigrants, particularly engaging them in the labor market. The foreign born unemployment rate currently lies at 16%. One of the largest barriers to integration is language proficiency - the immigrants need to learn Swedish.

Swedish For Immigrants



Swedish For Immigrants (SFI) is a qualified language education run by the Swedish National Agency for Education (SNAE), with the purpose to give adult immigrants basic knowledge in the Swedish language. At enrollment, the students receive a quality education corresponding to their abilities and needs.

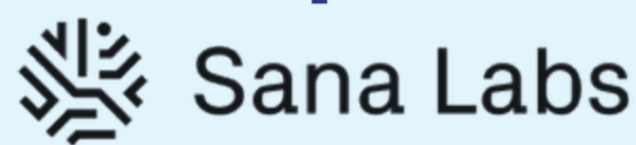
163 000 students



15% yearly completion rate

The Partnership

SNAE has emphasized the need for personalization in SFI - so we partnered up with experts in personalization.



Sana Labs is an artificial intelligence company, founded in 2016, with the mission to make education together with machine learning adaptable to every student's unique learning patterns.

THE FAILURE OF TRADITIONAL SOLUTIONS

ARTIFICIAL INTELLIGENCE IS THE WAY FORWARD

INCREASE OUR POTENTIAL IMPACT

"AI has not yet been applied to one of the world's largest and most important industries - education."
- Joel Hellermark, Founder & CEO

Knowledge of the host-country language is a key factor in determining the speed and success of integration - both economic and social. - OECD

The Outcome

1. Identifying Target Groups

Through the insights we gained during roughly 60 interviews with students, teachers and experts we constructed 6 profiles encompassing the majority of SFI students. These profiles will in turn be used in formulating Sana Labs strategy when conducting their pilot in the fall of 2019.

FATMA
AGE: 55
NATIONALITY: Somalia
GENDER: Female
FAMILY: Married, six children

DESCRIPTION: Low motivation and highly distractable. Responsible for taking care of the household, and has a minimal digital experience

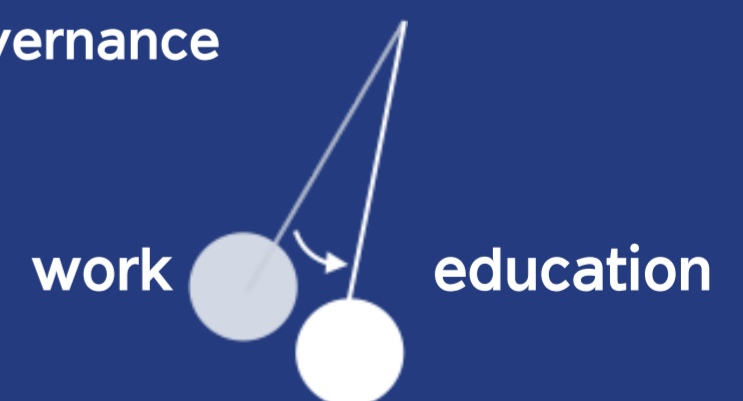


2. Measuring Impact

Considering the different variables impacting the effectiveness of implementing AI, we concluded that the optimal alternative would be to focus on path 2 and 3. This is because of both their receptiveness to such a tool as well as the large economic benefits gained from their ensuing stable employment.

3. A Call for Change in Governance

The prototype predicts that a reconsidered governance system could greatly benefit SFI impact. Our suggestion is therefore to prioritize an integration policy incentivizing education over work, thus reducing long-term costs.



4. A Pilot Project

Building on our work, Sana Labs has partnered up with Irisgruppen to set up a pilot program with 40 SFI students this fall. From this, further insights will be obtained which can allow further development and expansion.

4 QUALITY EDUCATION	4.5	Improving the quality and availability of SFI education helps reducing societal inequalities.
	4.4	
	4.3	
8 DECENT WORK AND ECONOMIC GROWTH	8.3	By enabling a greater portion of society to enter the workforce would improve productivity, economic growth and reduce unemployment.
	8.2	
	8.1	
10 REDUCED INEQUALITIES	10.7	Reducing societal exclusion of immigrants through language barriers facilitates a sustainable migration.
	10.2	
17 PARTNERSHIPS FOR THE GOALS	17.16	Integrating AI into SFI in cooperation with Sana Labs enables a multi-stakeholder partnership for an improved integration in Sweden.



INFORMATION OM ERA GLOBAL CHALLENGES "EXPRESSING" PROJEKT

Inför Global Challenges Expo den 21 maj vill vi på vår hemsida sammanställa era projekt i kursen EXPRESSING, så att dagens alla deltagare kan gå in och läsa mer om era projekt! Vi önskar därför följande information från er:

VAD	BESKRIVNING	ER INFO
TITEL:	Projektets namn	The SF(A)I Revolution
SUSTAINABLE DEVELOPMENT GOALS:	Namn på de/det hållbarhetsmål som ni riktat ert projekt mot. Tex: 15: Life on land	4: Quality education 8: Decent work and economic growth 9: Industry, innovation and infrastructure 17: Partnership for the goals
PROJEKT BESKRIVNING:	Sälj in kärnan av ert projekt; varför det behövs och vad ni önskar att åstadkomma - dvs. Problem & lösning. (max 1000 tecken)	Att lära sig det svenska språket är grunden för integration på den svenska arbetsmarknaden - och i slutändan i det svenska samhället. Samtidigt är SFI en ständig slagpåse i svenska medier och Skolinspektionen rapporterar i sin senaste utredning om det skrikande behovet av personalisering inom SFI-utbildningen. Är kritiken befogad? Och i så fall, vad kan vi göra för att nå den enorma potentialen som i dagsläget ligger outnyttjad till följd av sub-optimal integration? I samarbete med Sana Labs – en av världens främsta start-ups inom AI för utbildning – har vi undersökt den potentiella impacten av att implementera AI i SFI. Utifrån klassrumsstudier och djupintervjuer med både lärare, elever och områdesexperter har vi identifierat de elevgrupper som skulle gynnas mest av personalisering, deras underliggande drivkrafter, och framförallt, det som i dagsläget står mellan eleverna och deras fulla potential. Under processens gång insåg vi att det finns anmärkningsvärda systematiska problem med SFI som sträcker sig långt bortom klassrummets väggar – och som enligt vår samhällsekonomiska analys har långtgående konsekvenser för hela Sverige.
PROJEKTETS MEDLEMMAR:	Namn på alla projektets medlemmar. Förnamn, Efternamn	Jacob, Lange Sebastian, Blendow Valter, Frankenberg Elin, Ashrafi Kristoffer, Östlin Carl, Mönefors

		Fritiof, Carling
KONTAKT:	<i>Frivilligt:</i> kontakt eller länk till hemsida, för mer information om projektet.	

Vänligen fyll i formuläret ovan, och ladda upp under detta Assignment, **senast den 7 maj 2019**.

Gå gärna in och kika på förra årets projektbeskrivningar, [här](#)

<https://www.hhs.se/en/outreach/xtsse-events/global-challenges/global-challenges-projekt-2018/>