

The National AI Assignment & AI Fraud Prevention at the Swedish Companies Registration Office

Patrick Eckemo, Chief Digital & Innovation Officer

2022-12-13



The National Government Assignment to promote the public administration's ability to use AI



Key deliverables



AI-guide



Trust model

**Policy
Labb**



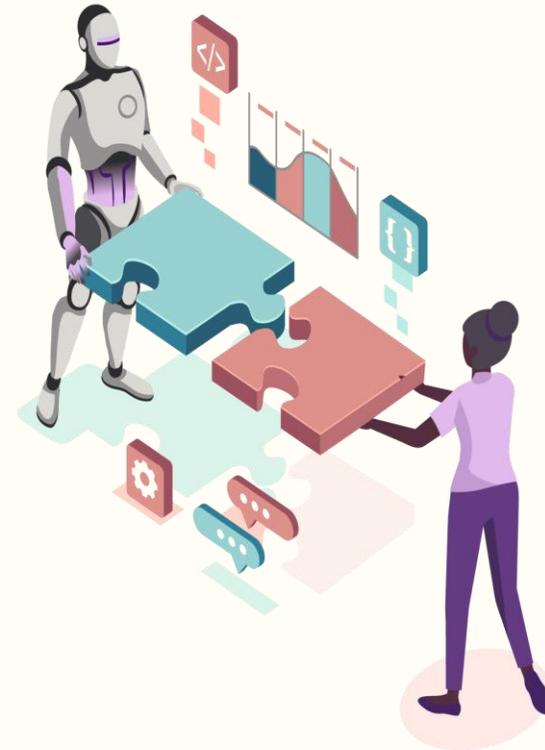
**AI infrastructure and
services**



Examples from reality

AI in practice – a guide

- Based on the experiences of some of the most advanced Swedish Public Authorities on the use of AI
- The guide will help actors to start or take the next step in their use of AI
 - ✓ Introduction
 - ✓ Critical questions before you start out
 - ✓ Data management
 - ✓ Legal matters
 - ✓ Infrastructure and it-architecture



Trust model for AI

- Support for supervisory authorities, for internal use and support, enables transparency for public.
- Self assessment – pre production, during production and follow up.
- Voluntary framework for public sector.
- Harmonise how public sector document how we use AI and how we share information about the use of AI.

Sveriges Dataportal Data och AP:er Öppen källkod Offentlig AI

← Föregående avsnitt

Gå till ^

Syfte 3/9

Värdegrund

Planering och Design över bearbetas?

Datahantering

Dataanalys

Modellval, Träning och Test

Resultat

Drift och Övervakning insamlingsbias?

Generera PDF

Ja

Nej

Inget svar

40. Finns andra potentiella källor till bias i datan?

[Visa mer information](#)

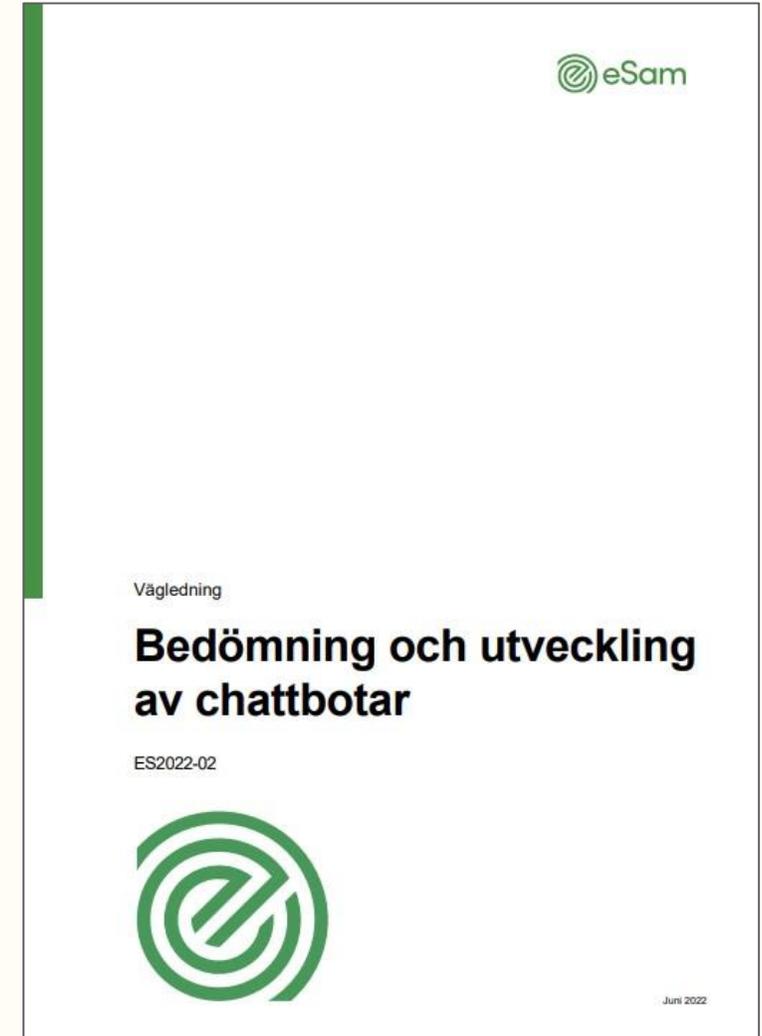
Ja

Nej

Inget svar

Evaluation and development of AI chatbots

The network of Swedish public authorities (eSam) has recently produced a report on how to evaluate and develop AI chatbots.





AI Fraud prevention

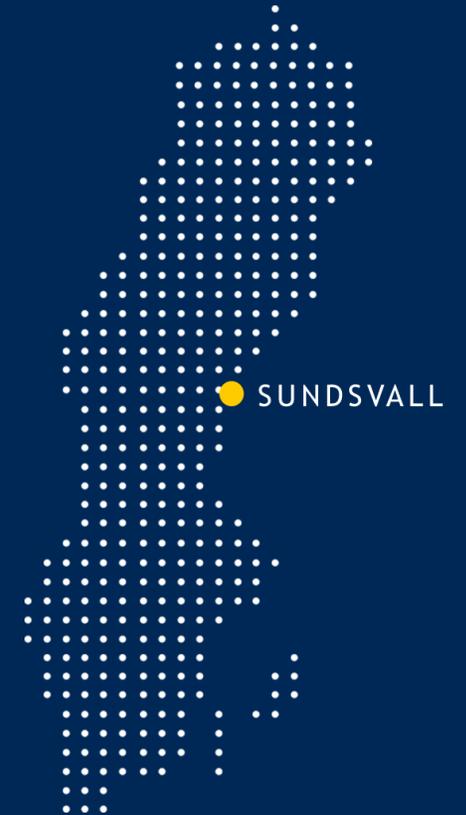
The Swedish Companies Registration Office

Managing **registration of information** about

- companies and associations
- annual reports
- business mortgages
- ...

Managing **delivery of information** about

- companies and associations
- ...



- Fee-financed agency
- 600 employees
- Turnover approximately €70 (2021)

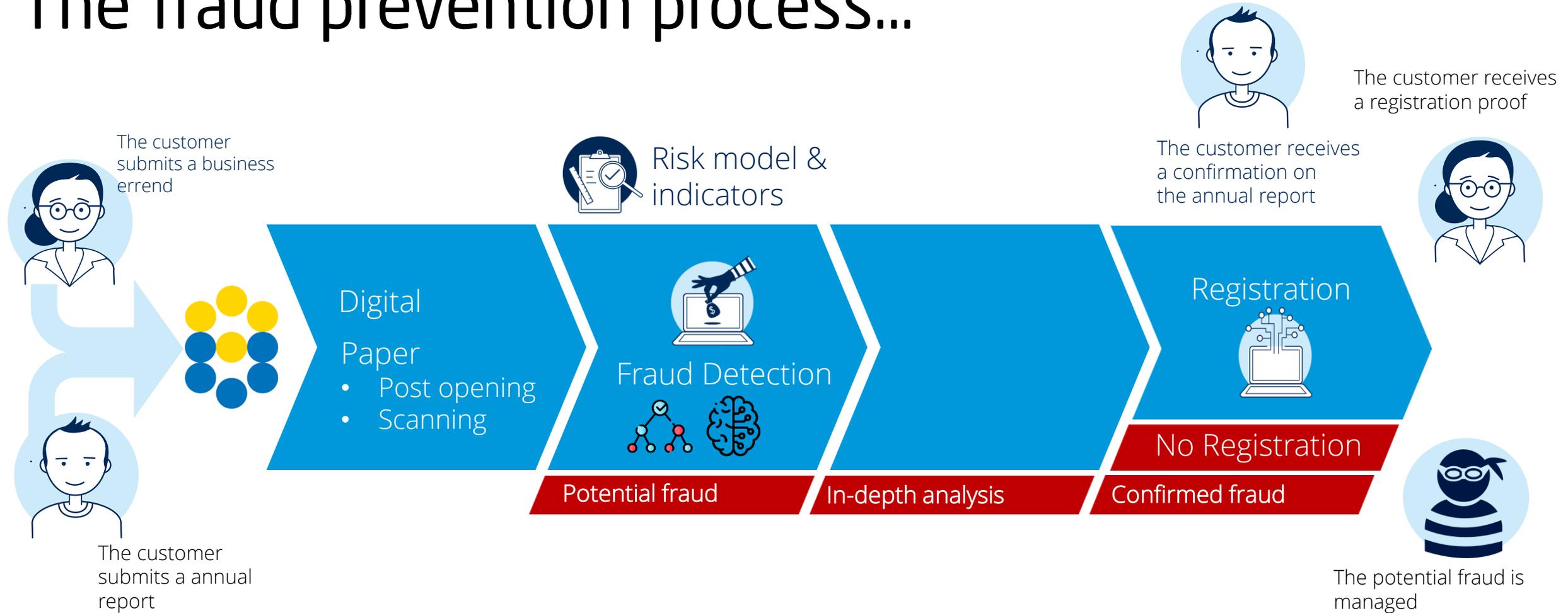
Bolagsverket examines and registers most of Sweden's companies

- In our registers we have approximately 1 million companies and associations
- We process around 650,000 applications every year
- We register approximately 600,000 annual reports per year

Crime prevention is part of our mission...

The agency shall, to the greatest extent possible, minimize the risks of the agency's routines being used for financial crime. (2008:1230)

The fraud prevention process...



Risk indicators

Risk indicators are the basis for the selection of cases for the in-depth case handling.

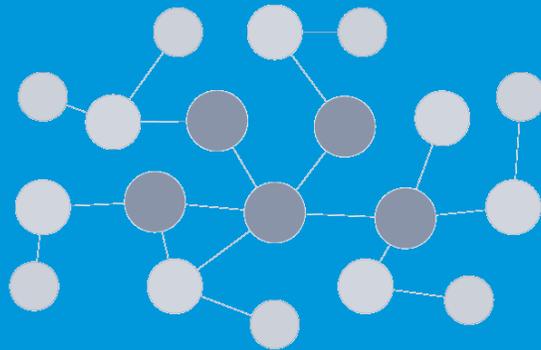
Examples of risk indicators:

- The company has representatives with several board assignments within a short period of time.
- Any of the company's representatives has been a board member or a deputy board member in several other companies that have gone bankrupt.
- The company's representatives are replaced several times in a short period of time.



Further development

- Continuous monitoring of the system effectiveness
- Use feedback from the intelligent control system to continuously improve the model.
- Explore new risk indicators to improve the selection of cases for the in-depth case handling.
- Explore how knowledge graphs can help us to gain further insight into relations between companies that are otherwise not visible.



Questions?

Patrick Eckemo, Chief Digital & Innovation Officer

<http://www.linkedin.com/in/patrickeckemo/>

2022-12-13

