

Risks to people

Find the risk template for your organisation's objectives at venturalitica.ai/canvas

A • Intended use

What does the system decide or suggest, for whom and where?

B • Foreseeable misuse

How might it be used beyond its intended use?

C • Affected parties

Who receives the output? Represent one affected party.

D • Causes

What if the input is wrong?
What if the model or code changes?

E • Existing controls
(preventive)

What currently prevents the failure?

Fails if:

Fails if:

Fails if:

“Fails if”: the escalation factor that makes each control fail.

F • Output failure

Start here.
● random • ● systematic

Is it concentrated in any group?

G • Existing controls
(mitigating)

What currently limits the harm?

Fails if:

Fails if:

Fails if:

H • Consequences → harm

What happens next? To whom?
Health • safety • fundamental rights

I • What we do not know

What data or evidence is missing for later analysis?

J • Next steps

This session identifies risks. The organisation sets criteria, analyses, evaluates and treats risks through its risk management.

Take to: _____ Date: _____

Templates for these steps: venturalitica.ai/canvas



Worked session

Instructions:
on the back

Risk identification session · Assume the system has already failed and ask questions in both directions.

1. Fill in the top row: A, B and C.

Intended use, foreseeable misuse and affected parties. Each participant represents an affected party.

2. Start at the centre: F.

Write an output failure and mark its type:  random, the baseline error present in any model, or  systematic, an error that follows a pattern.

3. expands to the right, G and H:

the consequence, the harm and the existing control; record in I what data would show how often it happens. Ask: “Is it concentrated in any group?”.

4. expands to the left, D and E:

the condition or cause and the existing preventive control. Below each control, write what makes it fail.

5. Finish when no failure at the centre has an open branch.

Then record in I what you do not know and take the canvas to J. Put each completed chain on a record sheet.

Further templates in preparation: criteria, analysis, evaluation and treatment · venturalitica.ai/canvas



The worked session:

venturalitica.ai/canvas/session

Solution and chain record sheets.

The CV screening challenge

Fictional system · Two chains started: complete them.

A · Intended use Ranks CVs for each vacancy and suggests the top twenty to Recruitment. A person decides whom to interview.		B · Foreseeable misuse Recruitment only looks at the top twenty and discards the rest unread: the suggestion is used as the decision.		C · Affected parties Applicants · people with career gaps due to caring or sick leave · Recruitment.	
D · Causes  start on the right 	E · Existing controls (preventive) Fails if: 	F · Output failure Chain 1 ·  random Leaves a suitable applicant out of the top twenty. Is it concentrated in any group?	G · Existing controls (mitigating) Fails if: 	H · Consequences → harm What happens and who is harmed? 	
What if...? 	 Fails if: 	Chain 2 ·  systematic Downgrades applicants with a career gap of more than a year. What condition causes it?	 Fails if: 	What happens and who is harmed? 	
I · What we do not know Validation: a fictional 7 % of suitable applicants are excluded. Unknown: distribution by sex and career gaps, and sample composition.					