How exposed are jobs in your region to AI?

Intermediate · A few weeks · Free · Project idea

Online version: https://ai-safety-sandbox.vercel.app/projects/ai-jobs-exposure-local/

Summary

Combine public data on how AI is being used for different tasks with local labour-market statistics to estimate which jobs in your region are most exposed.

Why it matters

Mass job displacement is one of the threats BlueDot lists as needing owners. Local, concrete numbers make the debate real for local politicians.

What you will have at the end

A short data report with maps or charts.

How to start (tick each box as you go)

- [ ] **1. Define exactly the quantity you want to estimate.**
- [ ] **2. Find the data sources and note their limits.**
- [ ] **3. Do a rough back-of-envelope version first.**
- [ ] **4. Refine the input you are least sure about.**
- [ ] **5. Present one clear chart and a sentence on uncertainty.**

Key terms

Fermi estimate
A quick, rough calculation that breaks a hard number into easier guesses multiplied together. Good enough to tell whether something is a big deal.

Source and links

MINT Lab — AGI Governance Bibliography (Seth Lazar, ANU)
https://bibliography.mintresearch.org/

Anthropic Economic Index
https://www.anthropic.com/economic-index

Our World in Data — AI
https://ourworldindata.org/artificial-intelligence

When you have finished

Write a few paragraphs on what you did, what you found and what you would try next, and share it with

a friend, your society or online.

Courses, mentors, small grants and communities:
https://ai-safety-sandbox.vercel.app/next-steps/

Questions? Ask in AI Safety Cardiff University (AISCU): https://aiscu.org/

Notes