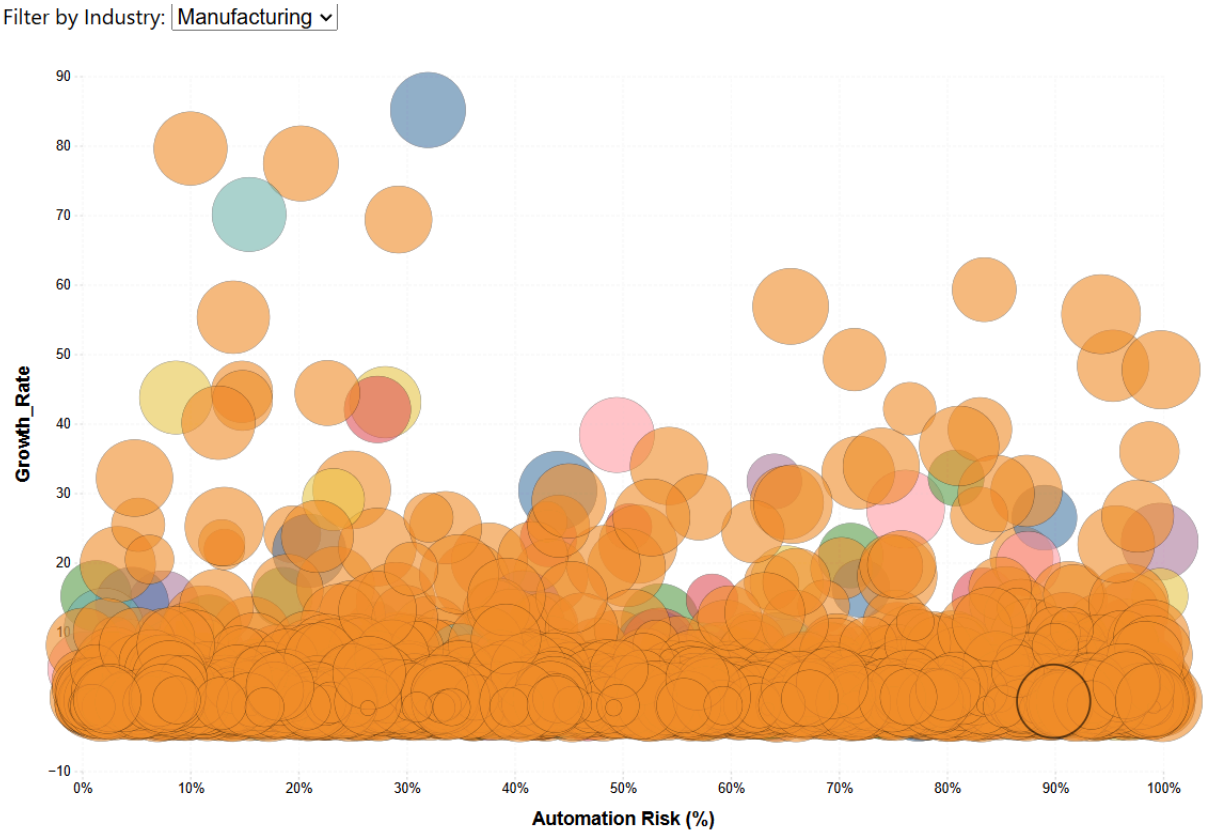
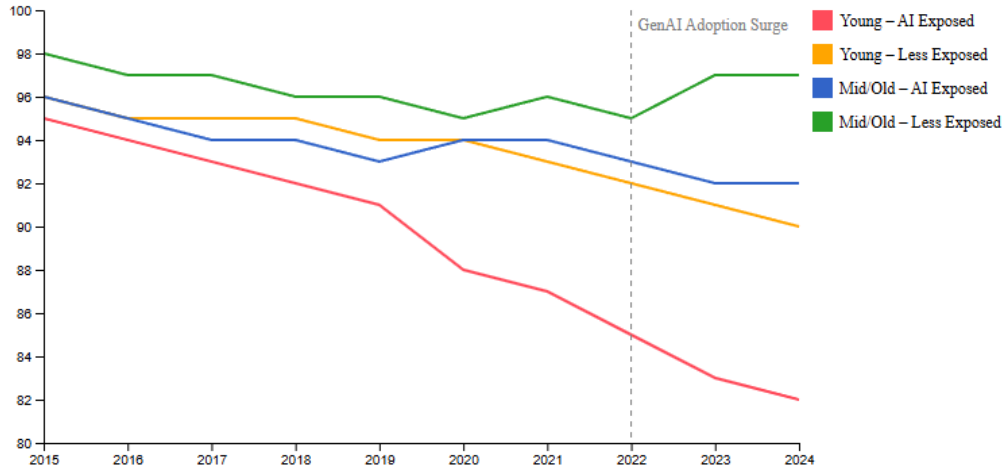
1. This is a rough visualization to show the impact of the projected **'Automation Risk (%)'** and the **'Growth_Rate'.** There is a filter to select the industry, and it would also feature an interactive scatterplot for the 2030 job market. This will enable us to compare 30,000 different jobs and reveal the risk of them truly disappearing. This visualization is based on the [AI Impact on Job Market (2024–2030) dataset].

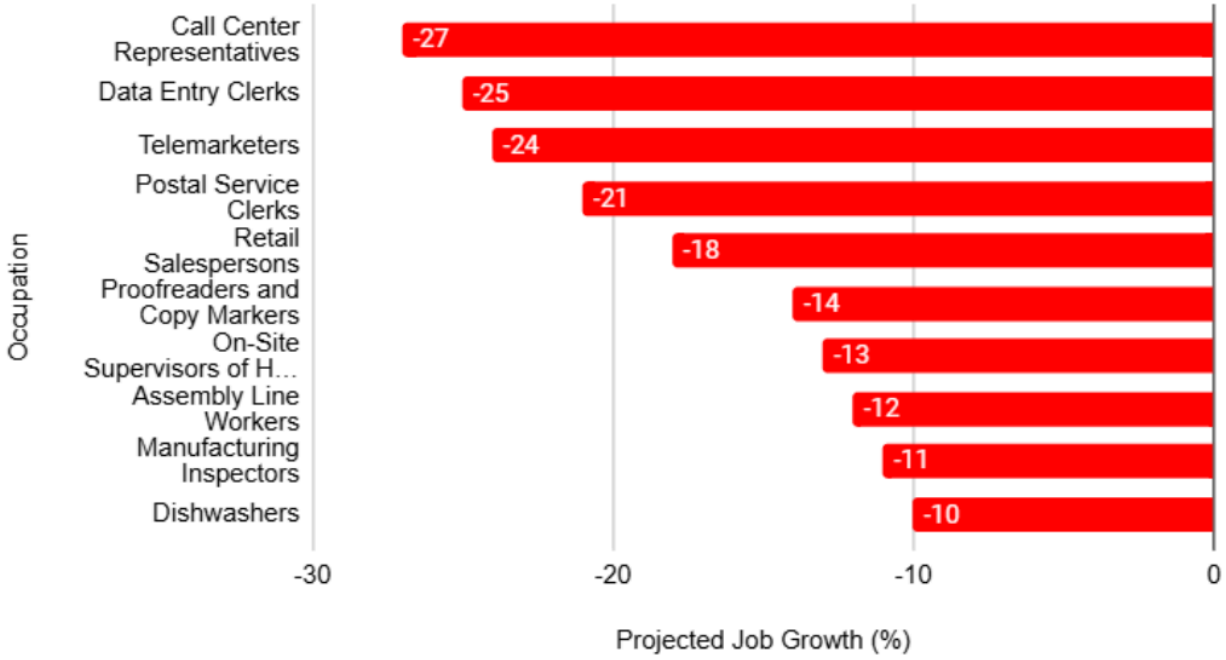


2. A rough mockup of a multiple line graph plotting the employment rate of younger and older workers who are in more/less AI exposed jobs, showing a substantial decline in younger/entry level employment in particularly AI exposed jobs. This is based primarily on the [Canaries in the Coal Mine paper]. Data in this mockup isn't actually using the data the paper is based on, as they didn't expose their specific version of the dataset, but they did state the original, the ADP National Employment Report.

AI Exposure and Employment Over Time

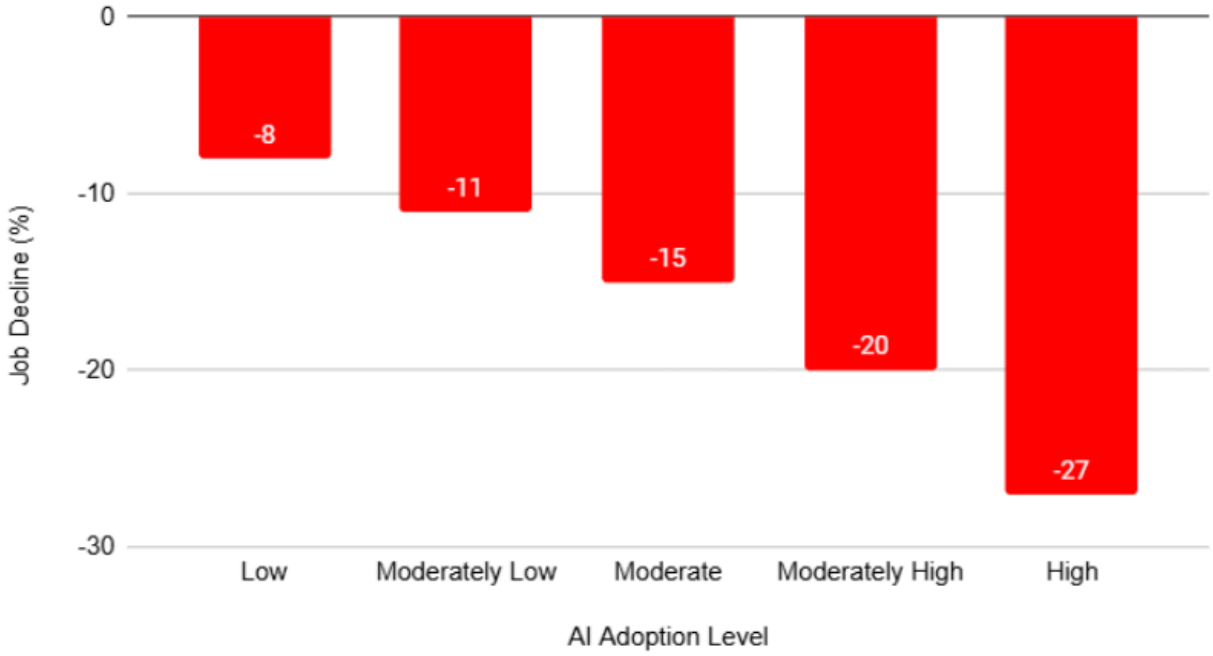


3. Each job title is identified by its occupation (e.g., Call Center Representatives, Data Entry Clerks, Telemarketers).The anticipated percentage change in employment for each occupation between 2023 and 2030 is displayed in Projected Job Growth (%). Together, these characteristics show how certain professions are expected to decline, measuring the negative impact of automation and AI on employment.

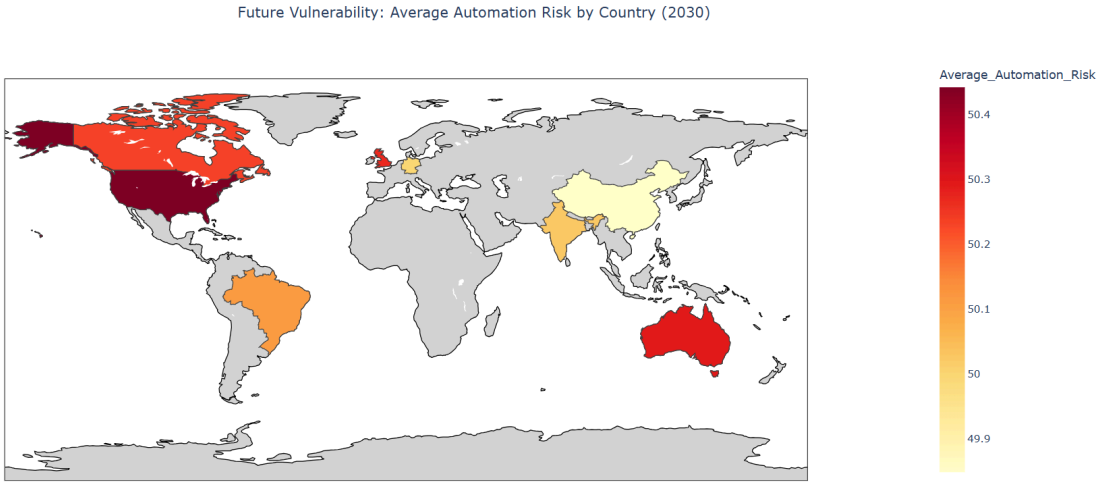


4. The AI Adoption Level, which ranges from Low to High, indicates how extensively AI is being incorporated into certain professions or sectors. Job Decline (%) illustrates how employment declines in parallel with the rise in AI usage.

These characteristics were selected to show how AI integration and job security are inversely related. As AI adoption increases, employment opportunities drastically decrease, demonstrating how automation replaces human functions.



5. This is the rough visualization done on "[ArunK-ML/Data-analysis---AI-Impact-on-Job-Market-2024-2030----DataSet: You're working with a dataset titled "AI Impact on Job Market (2024–2030)", which contains 30,000 rows and 16 columns.]" data. This visualization is an interactive choropleth map that shows the average automation risk for each country. To create these 30,000 jobs, they have to be grouped according to the countries in the same dataset. The color indicates the risk level.



6. AI Takeover Clock the visualization which is literally a clock, where as you scroll along it ticks

forward and the highlighted 'slice' of the clock represented by the current tick/time period is divided by the AI_Workload_Ratio of that domain to show how much that domain is being automated away, and as you scroll/tick along it goes to more and more ai automated domains to countdown to "doom" for a domain. This meant to highlight the most impacted industries/domains. The data for the proper version of this mockup will be from the following dataset from our project proposal, [AI impact on Jobs].