

Employment Trend Analysis 2023 - 2033

Is AI taking our jobs or transforming them?

Summary

Trends

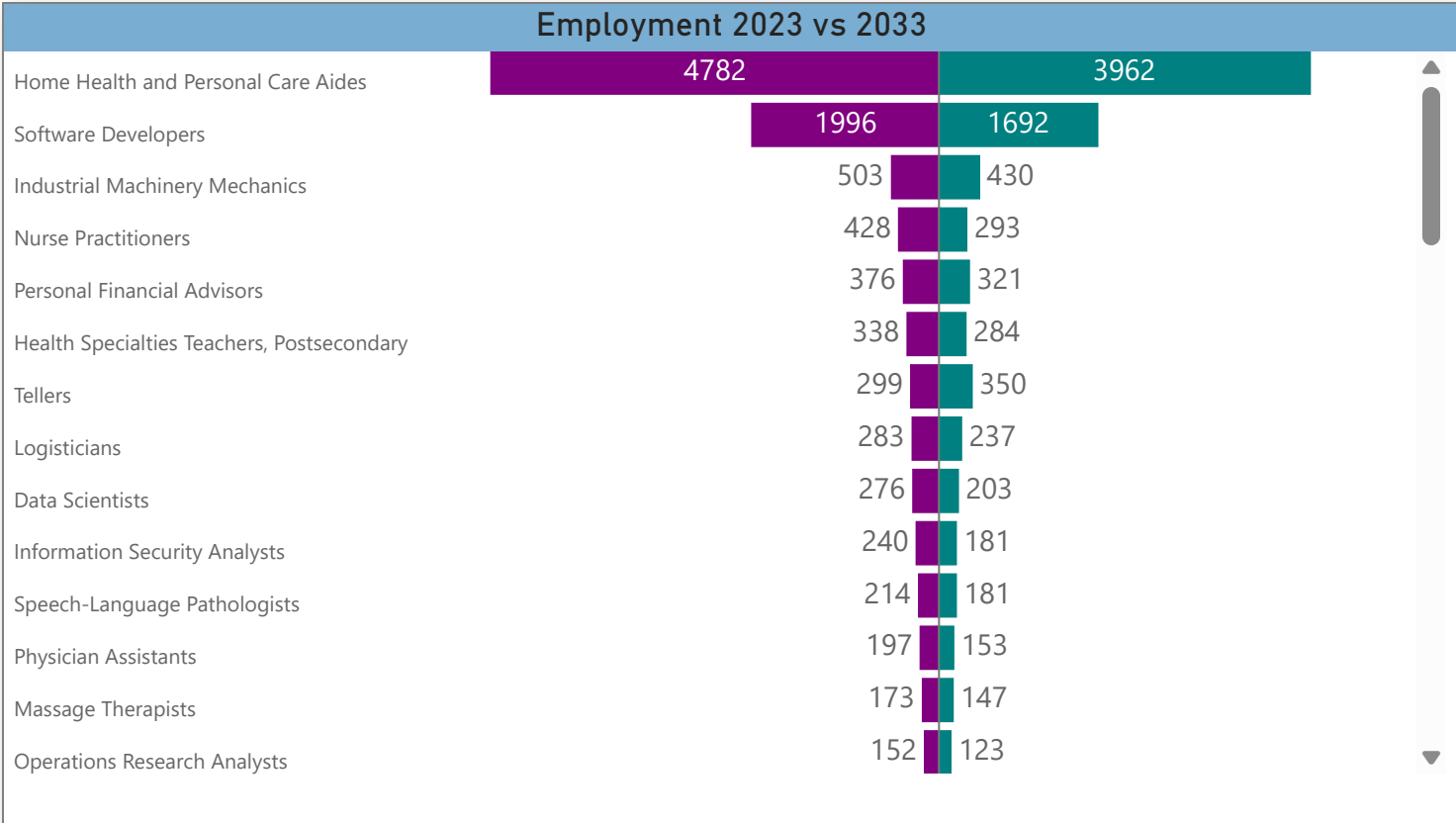
Skills

**About This Project**

The project is organized as a Python project with five Jupyter notebooks, each aligned with a project milestone. Data was collected from flat files, web pages, and APIs, then cleaned, transformed, and loaded into a SQLite database. This database is connected

**About This Report**

This project explores how artificial intelligence is influencing trends in employment, occupations, and wages—whether it's replacing workers or transforming their roles. It uses data from BLS, O\*NET, and the U.S. Census to analyze growth, decline, and shifting skill demands across the job market.



Visit my LinkedIn

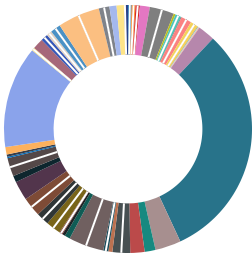
View my GitHub

Select all

Declining

Growing

Declining Jobs 2023  
by occupation- % share



Growing Jobs 2033  
by occupation - % share



Data Sources

BLS:  
<https://www.bls.gov>  
U.S. Census NAICS:  
<https://www.census.gov/naics>  
O\*NET:  
<https://www.onetcenter.org>

Select all

Business and Financ...

Computer and Mathe...

Constructi... and Extrac...

Educational Instruction...

Healthcare Practitione...

Healthcare Support

Installation, Maintenan...

Life, Physical, a...

Office and Administra...

Production

Sales and Related



# Employment Trend Analysis 2023 - 2033

Trends

Occupation

All

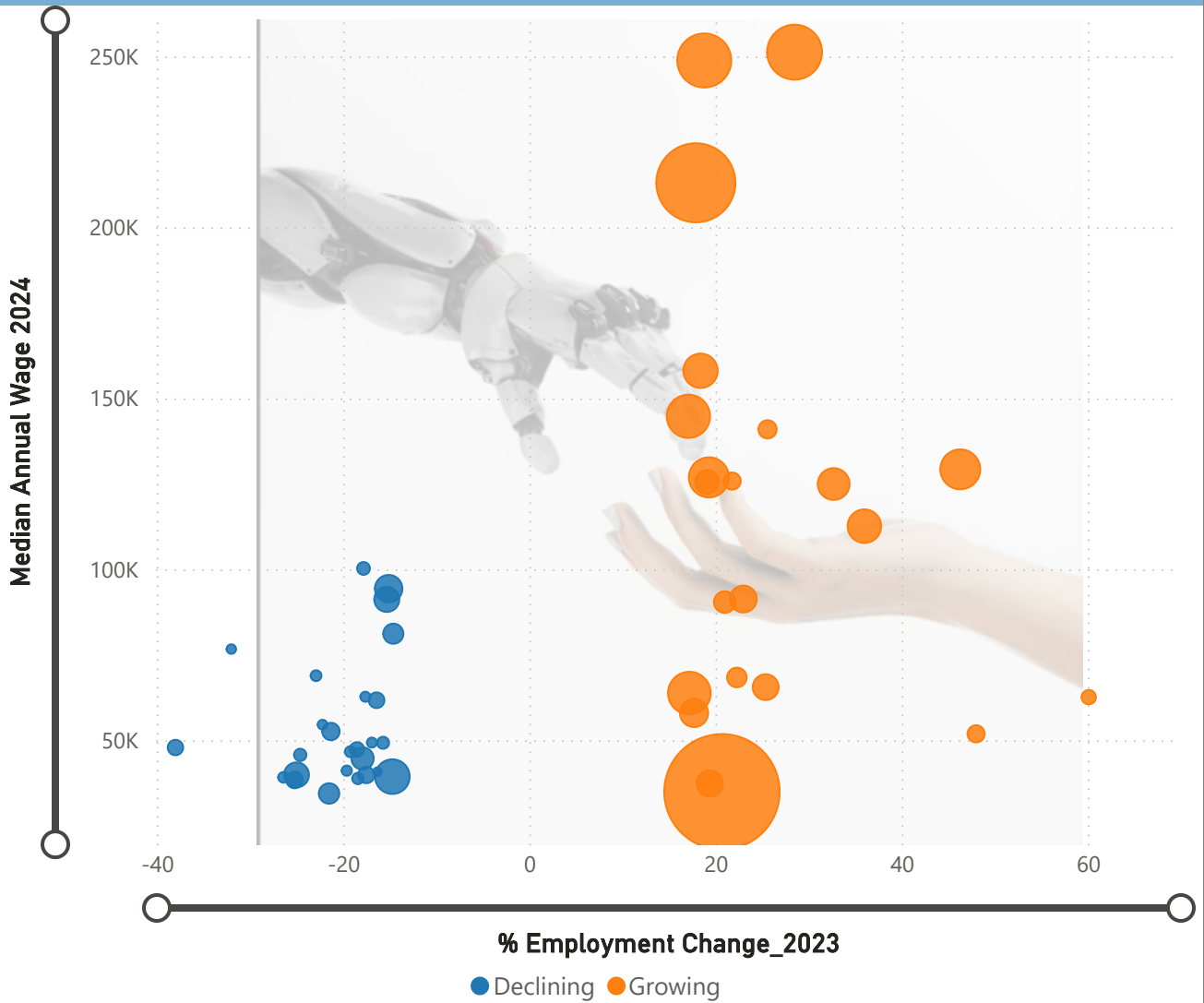
Skills

All

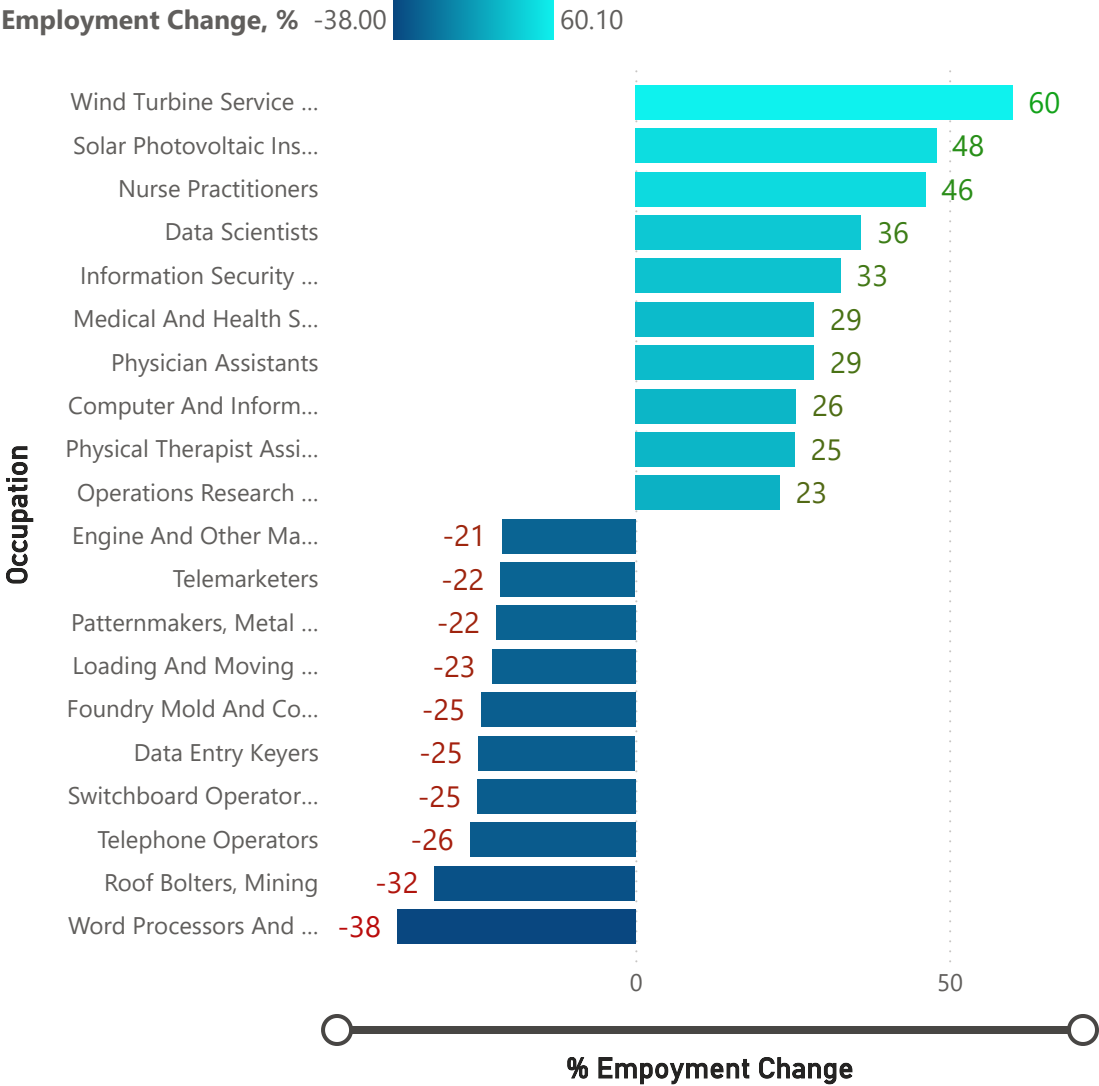
Growth Status

All

Wage vs 2033 Employment by Growth and % Change (2023–2033)



Top 10 Fastest Growing and Declining Jobs



[illegible]

All

All

All

## Occupation

## Actuaries

## Actuaries

## Aircraft Structure, Surfaces, Rigging, And Systems Assemblers

## Aircraft Structure, Surfaces, Rigging, And Systems Assemblers

## Camera And Photographic Equipment Repairers

Computer And Information Research Scientists

Computer And Information Research Scientists

## Cutters And Trimmers, Hand

## Data Entry Keyers

## Data Scientists

## Data Scientists

Visual Wage vs 2033 Employment by Growth and % Change (2023–2033):

From table employment\_trends\_df: employment\_2023, employment\_2033, employment\_change, median\_annual\_wage.  
From table occupation\_details\_df:  
2023\_national\_matrix\_employment\_title, growth\_status.

Visual Employment 2023 vs 2033):

From table employment\_trends\_df: employment\_2023, employment\_2033.  
From table soc\_codes\_df: occupation\_title.