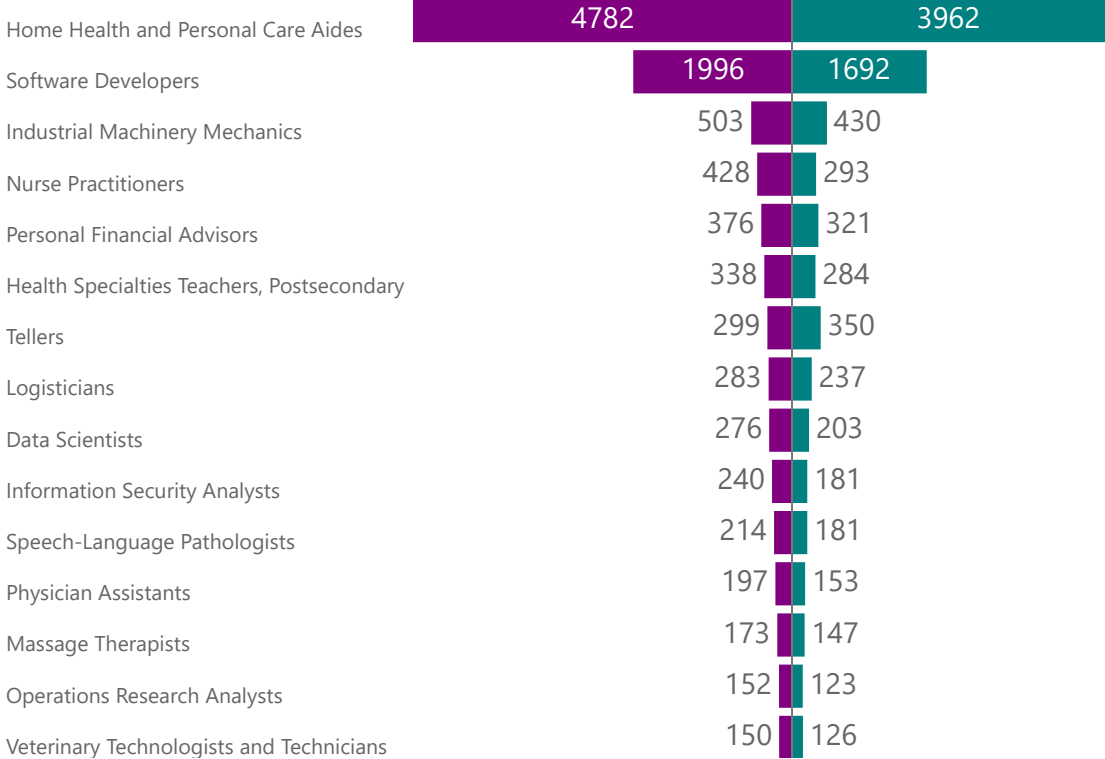


About This Project

The project is organized as a Python project:

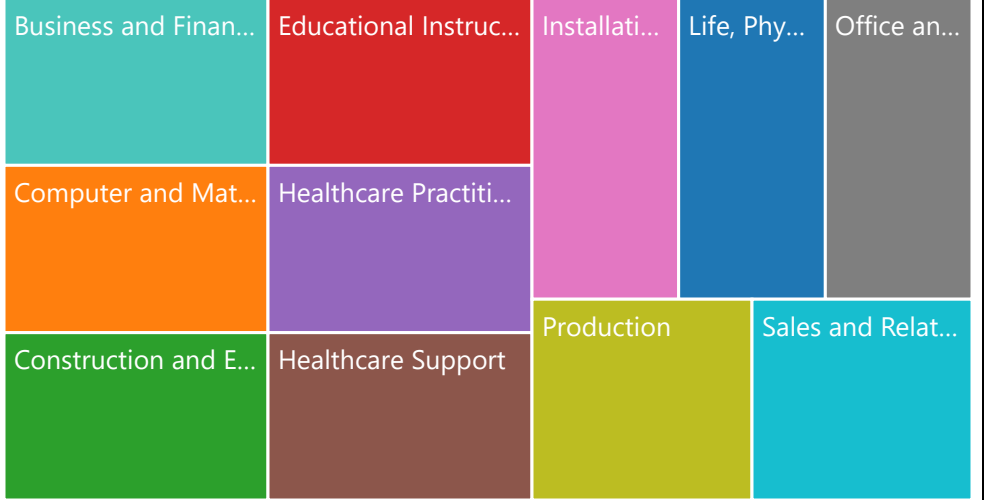
- 5 milestone-based Jupyter notebooks
- Data from BLS, O*NET, U.S. Census
- SQLite database backend
- Power BI visualization for trends & skills

Employment 2023 vs 2033



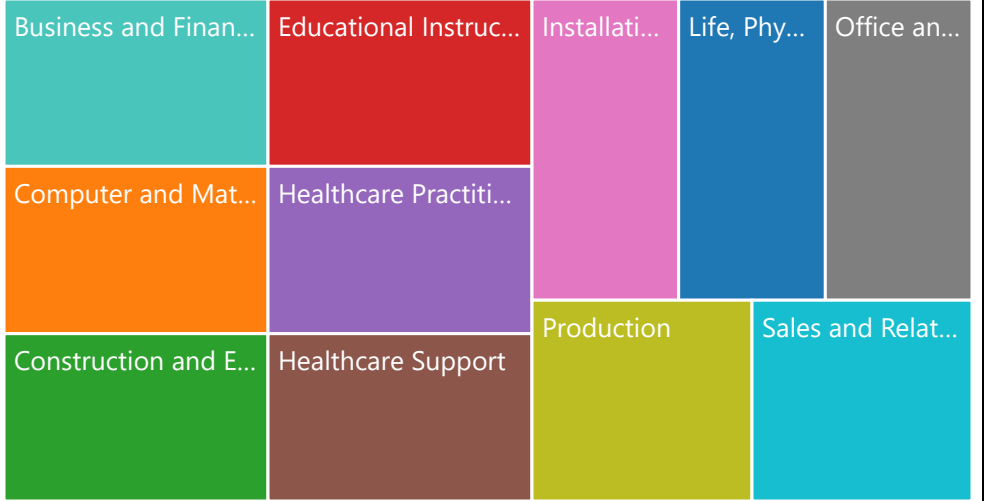
Growing Jobs 2033

by occupation group- % share



Growing Jobs 2033

by occupation group- % share





Employment Trend Analysis 2023 - 2033

Trends

Occupation

All

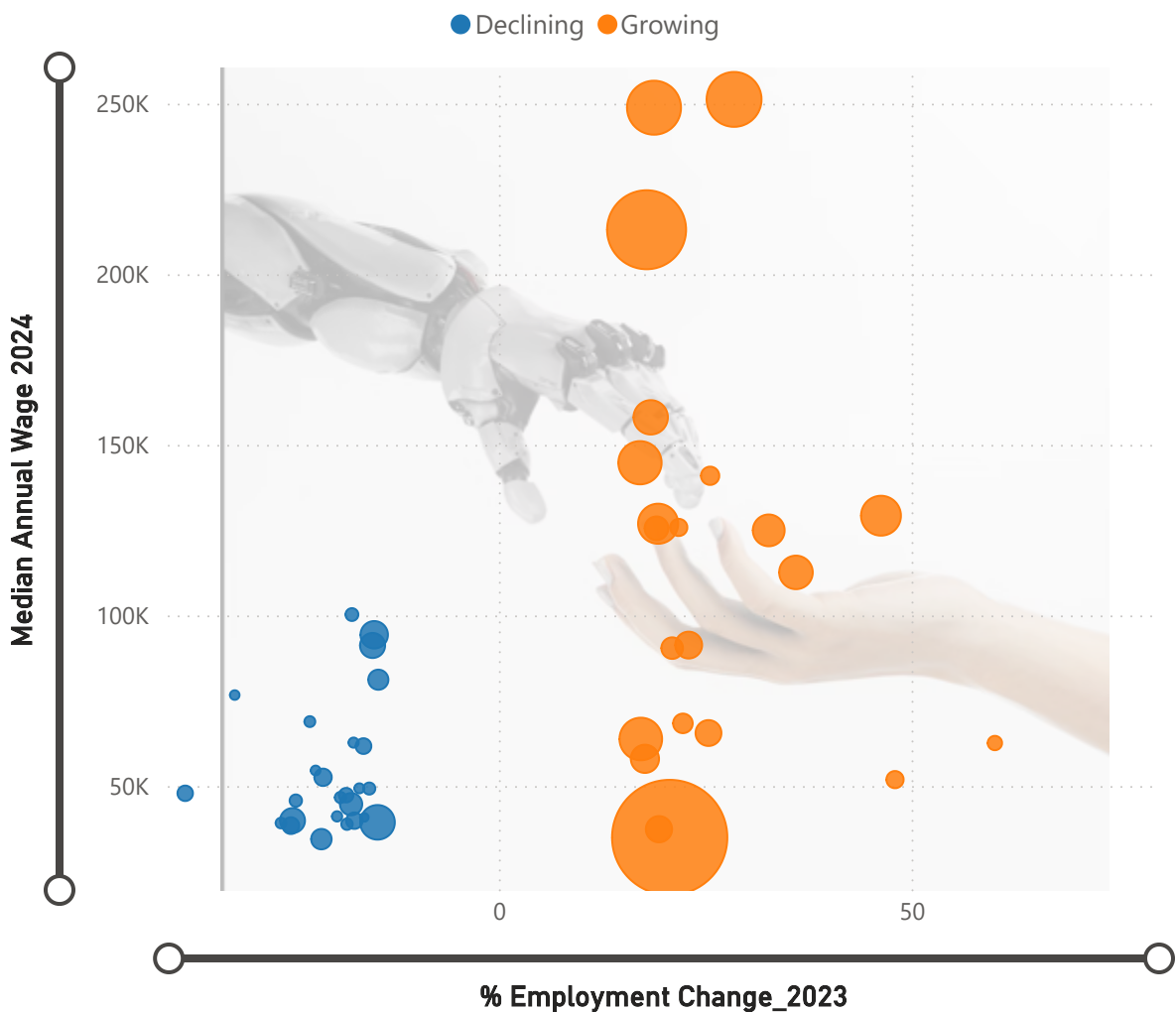
Skills

All

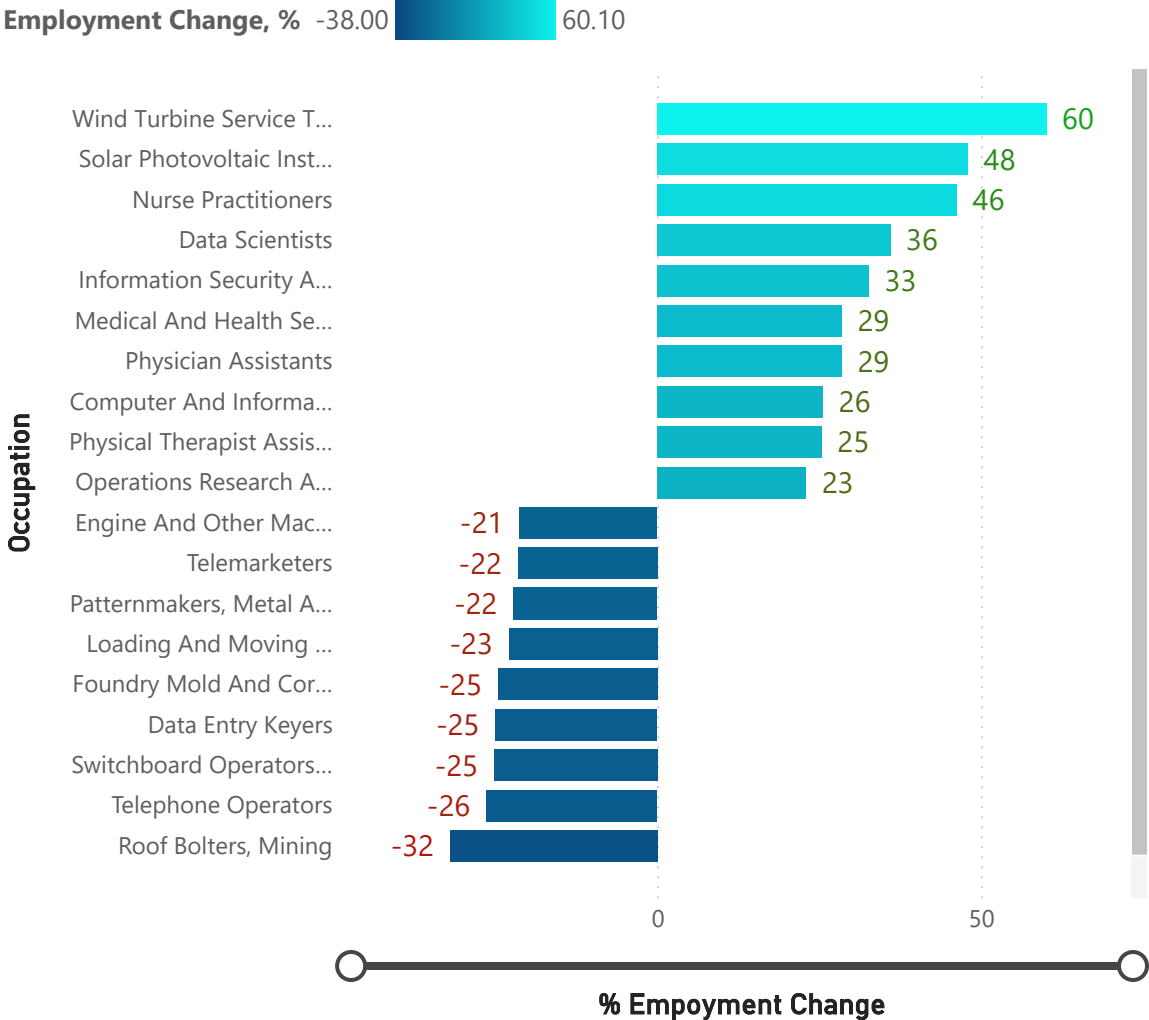
Growth Status

All

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



Top 10 Fastest Growing and Declining Jobs



[illegible]

Growth Status

All

Occupation	Description
Word Processors And Typists	Use word processor, computer, or typewriter to type letters, reports, forms, or other corrected copy, or voice recording. May perform other clerical duties as assigned.
Wind Turbine Service Technicians	Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine electrical, mechanical, and hydraulic malfunctions.
Wind Turbine Service Technicians	Perform work involving the skills of two or more maintenance or craft occupations: equipment, or the structure of a building in repair. Duties may involve pipe fitting, welding; machining; carpentry; repairing electrical or mechanical equipment; installing equipment; and repairing buildings, floors, or stairs.
Veterinary Technologists And Technicians	Perform medical tests in a laboratory environment for use in the treatment and diagnosis. Prepare vaccines and serums for prevention of diseases. Prepare tissue samples, tissue laboratory tests, such as urinalysis and blood counts. Clean and sterilize instrumenter equipment and machines. May assist a veterinarian during surgery.
Veterinary Assistants And Laboratory Animal Caretakers	Feed, water, and examine pets and other nonfarm animals for signs of illness, disease animal hospitals and clinics. Clean and disinfect cages and work areas, and sterilize. May provide routine postoperative care, administer medication orally or topically, examination under the supervision of veterinary or laboratory animal technologist scientists.
Veterinarians	All therapists not listed separately.
Veterinarians	Diagnose, treat, or research diseases and injuries of animals. Includes veterinarian development, inspect livestock, or care for pets and companion animals.
Timing Device Assemblers And Adjusters	Laminate layers of fiberglass on molds to form boat decks and hulls, bodies for glass products.
Timing Device Assemblers And Adjusters	Perform precision assembling or adjusting, within narrow tolerances, of timing devices with electrical or electronic components.
Tellers	Compile information and records to draw up purchase orders for procurement of various transactions.
Tellers	Receive and pay out money. Keep records of money and negotiable instruments in various transactions.
Telephone Operators	Operate telephone business systems equipment or switchboards to relay incoming

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.