**Analysis on Employment Projections across various industries related to Green, AI, and Tech jobs:**

This report summarizes the projected changes in employment across several key industries within the Computer and Information Technology sectors over a ten-year period from 2022 to 2032.

A screenshot of a computer

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**Computer and Electronic Product Manufacturing (Industry Code: 334000)**

1. 2022 Employment: There were 3,798.4 thousand jobs recorded in 2022.
2. Projected 2032 Employment: Employment is expected to increase to 3,914 thousand jobs by 2032.
3. Employment Change 2022-2032: This sector is projected to see an increase of 115.6 thousand jobs.
4. Percent Change 2022-2032: The percent change in employment is expected to be -0.89%.

**Communications Equipment Manufacturing (Industry Code: 334200)**

1. 2022 Employment: The industry employed 382.6 thousand individuals in 2022.
2. Projected 2032 Employment: A slight reduction to 370.7 thousand jobs is anticipated by 2032.
3. Employment Change 2022-2032: The expected decrease in employment is 11.9 thousand jobs.
4. Percent Change 2022-2032: The employment is projected to decline by -3.68%.

**Semiconductor and Other Electronic Component Manufacturing (Industry Code: 334400)**

1. 2022 Employment: The industry held 1,739.6 thousand jobs in 2022.
2. Projected 2032 Employment: It is forecasted to grow to 1,879.5 thousand jobs by 2032.
3. Employment Change 2022-2032: An increase of 139.9 thousand jobs is projected.
4. Percent Change 2022-2032: The sector is expected to experience a 7.82% increase in employment.

**Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (Industry Code: 334500)**

* 2022 Employment: There were 1,879.8 thousand jobs in 2022.
* Projected 2032 Employment: A slight growth to 1,908.4 thousand jobs is projected for 2032.
* Employment Change 2022-2032: The industry may see a growth of 28.6 thousand jobs.
* Percent Change 2022-2032: A subtle -0.77% change in employment is expected.

**Information (Industry Code: 510000)**

1. 2022 Employment: Employment stood at 10,775.4 thousand in 2022.
2. Projected 2032 Employment: A rise to 11,547.9 thousand jobs is anticipated.
3. Employment Change 2022-2032: This represents an increase of 772.5 thousand jobs.
4. Percent Change 2022-2032: The industry is expected to see a 3.03% increase in employment.

**Software Publishers (Industry Code: 513200)**

1. 2022 Employment: The sector employed 2,880 thousand people in 2022.
2. Projected 2032 Employment: Employment is projected to increase to 3,403.4 thousand.
3. Employment Change 2022-2032: An increase of 523.4 thousand jobs is forecasted.
4. Percent Change 2022-2032: A notable 10.63% increase in employment is expected.

**Computer Systems Design and Related Services (Industry Code: 541500)**

1. 2022 Employment: The industry recorded 6,227.8 thousand jobs in 2022.
2. Projected 2032 Employment: The projection for 2032 is 7,362.5 thousand jobs.
3. Employment Change 2022-2032: An increase of 1,134.7 thousand jobs is anticipated.
4. Percent Change 2022-2032: The sector is expected to experience a significant 12.82% growth in employment.

The data indicates a general trend of growth in employment across most sectors within the Computer and Information Technology field, with particular emphasis on the Computer Systems Design and Related Services sector. However, a few sectors, such as Communications Equipment Manufacturing, are projected to experience a slight decline.

**Analysis on employment in Computer and IT Occupations from 2022 to 2032**

**A blue and green squares

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This chart illustrates the projected increase in employment from 12,574.7 thousand in 2022 to 13,257.7 thousand in 2032, capturing the employment dynamics according to the data provided. The annotation indicates the precise growth rate, aligning with the figure you've observed.

**Analysis of Green Jobs According to BLS Classification**

This report provides an analysis based on the classification of green jobs as per the Bureau of Labor Statistics (BLS).

**Data Overview:**

The [dataset](https://www.bls.gov/green/) analyzed contains information on industries classified within the scope of green goods and services across several sectors, such as Construction, Manufacturing, and Professional and Business Services.

**Sector-wise Distribution of Green Industries:**

**A graph of green rectangular bars

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The bar chart illustrates the number of green industries classified within each sector. Manufacturing leads by a significant margin, showcasing 186 related entries, indicating the highest involvement in green goods and services among all sectors analyzed. Following Manufacturing, the Professional and Business Services sector also shows considerable engagement with 91 entries. Other notable sectors include Trade, Transportation, and Utilities (29 entries), Natural Resources and Mining (25 entries), and Other Services (23 entries), demonstrating varied levels of involvement in green initiatives.