



INCOME_EVALUATION_DATA

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INCOME_EVALUATION_DATA

Dataset Overview:

- The dataset income evaluation data contains 32,561 records with 15 columns. It is related to income classification, where the target variable is income, indicating whether a person's income is $\leq 50k$ or $> 50k$.
- The income evaluation dataset contains structured tabular data with a mix of categorical and numerical data.
- Numerical Data's are age, fnlwgt, education-num ,capital-gain, capital-loss, hours-per-week.
- Data set contains two types categorical data's one is Nominal and another is Cardinal.
- Nominal data are work class, marital-status, occupation, relationship, race, sex ,native-country.

COUNTRY OF INCOME AVERAGE PER INCOME BY EDUCATION,SEX AND OCCUPATION

INCOME_EVALUATION_DATA

Count of income average per income by education, sex and occupation

0.89K **0.08K**

Average of capital-... Average of capital-loss

native-country, sex, age

- ☒ ?
- ☒ Cambodia
- ☒ Female
- ☐ 25
- ☐ 32
- ☒ Male
- ☐ Canada
- ☐ China
- ☐ Columbia
- ☐ Cuba
- ☐ Dominican-Republic
- ☐ Ecuador
- ☐ El-Salvador
- ☐ England
- ☐ France
- ☐ Germany
- ☐ Greece



COUNTRY OF INCOME AVERAGE PER INCOME BY EDUCATION,SEX AND OCCUPATION

This data can be useful for understanding economic disparities and making informed decisions in policy-making, education, and workforce development.

Occupation Categories

1.Adm-clerical:

1. **Education Levels:** Includes various levels from 1st-4th grade to Bachelors.
2. **Gender Distribution:** Both females (pink) and males (orange) are represented, with income values color-coded.

2.Craft-repair:

1. **Education Levels:** Similar range of education levels.
2. **Gender Distribution:** Both genders are represented, with noticeable differences in income values.

3.Exec-managerial:

1. **Education Levels:** Higher education levels (some-college and Bachelors) are more prominent.
2. **Gender Distribution:** Both genders are present, with higher income values for males.

4.Farming-fishing, Handlers-cleaners, Machine-op-inspct:

Education Levels

The chart covers a wide range of education levels, including:

- 1st-4th grade,5th-6th grade,7th-8th grade,9th grade
- 10th grade,11th grade,12th grade, Some-college,Bachelors

Gender Distribution

The data is color-coded to represent females (pink) and males (orange), making it easy to compare income values across different education levels and occupations.

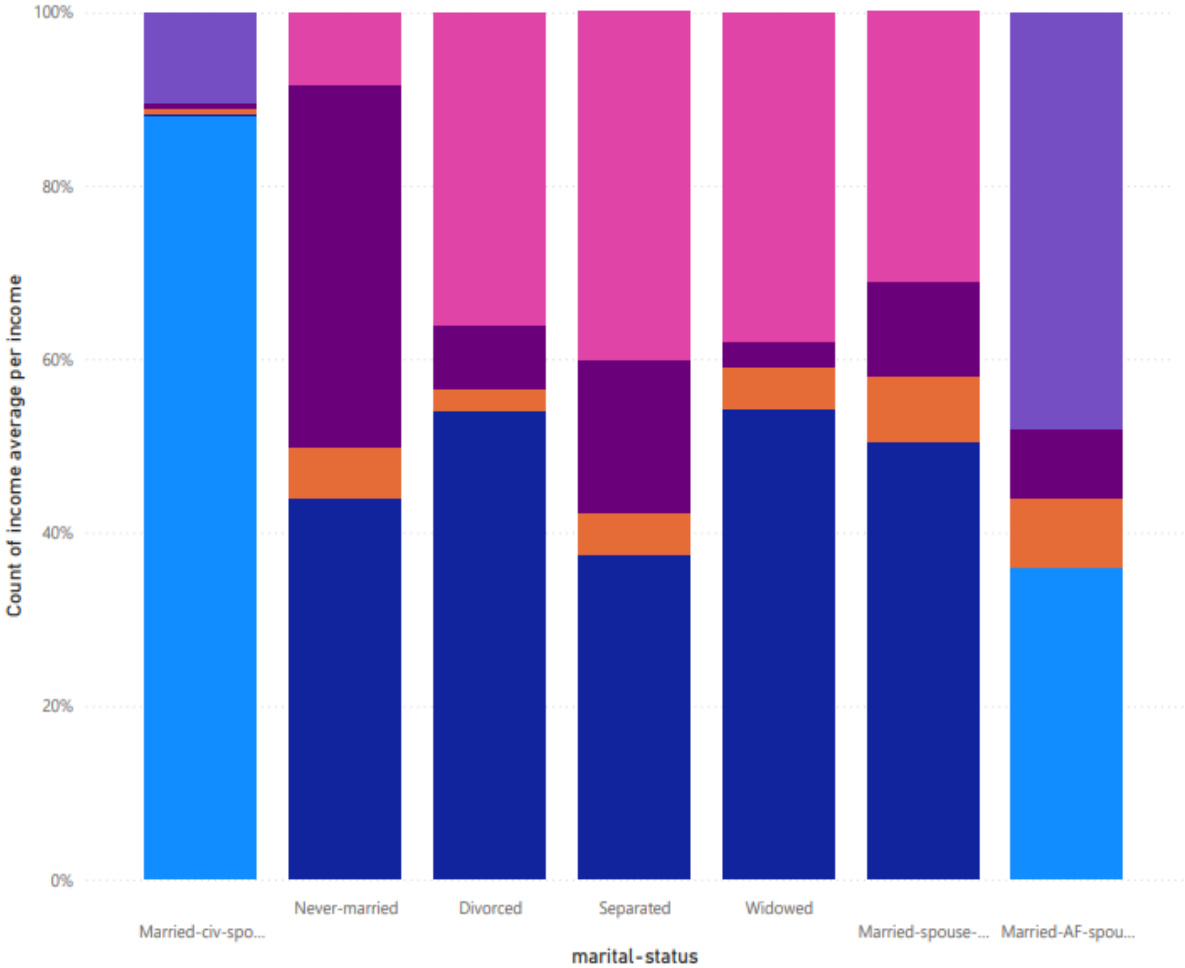
Filter Section

- Sex:** Options for Female or Male
- Age:** Specific age groups can be selected
- Income:** Different income levels can be analyzed
- Native Country:** Options include Dominican-Republic, Cambodia, Ecuador, Canada, El-Salvador, China, England, Columbia, France, Cuba, and Germany.

COUNT OF INCOME AVERAGE PER INCOME BY MARITAL-STATUS AND RELATIONSHIP

Count of income average per income by marital-status and relationship

relationship Husband Not-in-family Other-relative Own-child Unmarried Wife



race, sex, age, income

- ^ ☐ Amer-Indian-Eskimo
- ^ ☐ Female
- ^ ☐ Male
- ^ ☐ Asian-Pac-Islander
- ^ ☐ Black
- ^ ☐ Other
- ^ ☐ White
- ^ ☐ Female
- ^ ☐ Male

native-country

?	Dominican-Republic
Cambodia	Ecuador
Canada	El-Salvador
China	England
Columbia	France
Cuba	Germany

COUNT OF INCOME AVERAGE PER INCOME BY MARITAL-STATUS AND RELATIONSHIP

Marital Status Categories

1. Married-civ-spouse:

1. **Husband:** This relationship category has the highest count of income, indicating that married individuals with a spouse have a significant income representation.
2. **Wife:** Similar to husbands, wives in this category also show a high count of income.

2. Never-married:

1. **Not-in-family** and **Own-child:** These relationship categories dominate the income count in the never-married group, suggesting a different economic profile compared to married individuals.

3. Divorced:

1. **Not-in-family** and **Unmarried:** These relationships are more prominent in the divorced category, indicating income distribution varies significantly from married individuals.

4. Separated, Married-AF-spouse, absent, Widowed

◦ Relationship Categories

1. Husband:

1. Predominantly seen in the married-civ-spouse category with the highest income count.

2. Not-in-family:

1. Prominent in never-married, divorced, separated, and widowed categories, indicating individuals not living with family have varied income distributions.

3. Other-relative, Own-child, Unmarried, Wife:

- **Age:** Specific age groups can be selected
- **Income:** Different income levels can be analyzed
- **Native Country:** Options such as Dominican-Republic, Cambodia, Ecuador, Canada, El-Salvador, China, England, Columbia, France, Cuba, and Germany.



Conclusion

- The data highlights income disparities, significant economic activities, and a strong correlation between education levels and income.
- Diverse representation of individuals from various countries, primarily working in government sectors and transportation-related jobs.
- Majority of individuals are married-civ-spouses, with variations in marital statuses.

This analysis provides valuable insights into the socio-economic patterns and disparities across different races, sexes, education levels, native countries, and work environments.



THANKS