



Correlation of University Types and Future Income Data

About

This dataset combines data from two csv files that describes the each university's geographical and financial aspects. The joined dataset contains information that helps users understand the potential correlation between university types and future income of each university type's students.

Data Creation Range: 2016 - Present

Original Data Created By: The Wall Street Journal

Modified Data Analyzed By: Randolph Jenkins, Vridhi Manchanda, Yaqi Wang

Content: range of salary based on different stages of career, geographical location, types of schools (Ivy-League, Engineering, Party, etc)

Source: <https://www.kaggle.com/datasets/wsj/college-salaries?select=salaries-by-region.csv>

Use Cases

Potential real-world applications of the dataset

1. How does Ivy-League universities impact future salary difference for students?
2. How much difference of salary in different stages of careers it occurs to be for different types of universities?
3. What is the salary for each stage of careers for various universities?
4. Does going to Ivy-League universities leads to higher pay?
5. What other aspects of each university also impact the future salary?

Badges

*The color of badges does not indicate information



About
Humans

The Wall Street Journal
Source

Reviewed
by Kaggle

Ethical
Review

Updated 4
years ago

Data-Property

Two dataframe:

Shared data:

1. School.Name
2. Starting.Median.Salary
3. Mid.Career.Median.Salary
4. Mid.Career.10th.Percentile.Salary
5. Mid.Career.25th.Percentile.Salary
6. Mid.Career.75th.Percentile.Salary
7. Mid.Career.90th.Percentile.Salary

Unique data in salaries-by-region.csv:

1. Region

Unique data in salaries-by-college-type.csv:

1. School.Type

Alert Count: 4*

Potential Missing Data: 2

Composition: 2

Insufficient Data: 1

Data Bias: 1

* Please refer to the Objectives and Alerts section for more details





Dataset Nutrition Label

Objectives and Alerts

About Relevant alerts for data practitioners who intend to use this analyzed dataset for certain purposes.

Alert Count: **4***

Composition: **2***

Insufficient Data: **1***

1. Insufficient amount of data for Ivy-League universities compared to the amount of other types of universities, which may lead to difficulties analyzing the correlation

Data Bias: **1***

1. The data analyze may be insufficient due to amount of universities analyzed, which could not indicate the correlation between salary and school types for all American population
2. Data is collected solely from The Wall Street Journal, which may present bias without sources from multiple parties.

Potential Missing Data: **2***

1. `Mid.Career.10th.Percentile.Salary` for both imported datasets appears to lack some values for certain universities.
2. `Mid.Career.90th.Percentile.Salary` for both imported datasets appears to lack some values for certain universities.



Objectives and Alerts