The "Adult" dataset hosted on (UCI's Machine Learning Repository) contains approximately 32000 observations, with 15 variables. The dependent variable that in all cases we will be trying to predict is whether or not an "individual" has an income greater than $50,000 a year.

Attributes(15):

age: **Continuous**. Range from: 17-90.

workclass/ Type_employer: The type of employer the individual has. Whether they are government, military, private, and so on. **Category**. **Values**: Private, Self-emp-not-inc, Self-emp-inc, Federal-gov, Local-gov, State-gov, Without-pay, Never-worked.

fnlwgt: The \# of people the census takers believe that observation represents. **Continuous**. Range from: 12285-1484705.

education: The highest level of education achieved for that individual. **Category**. **Values**: Bachelors, Some-college, 11th, HS-grad, Prof-school, Assoc-acdm, Assoc-voc, 9th, 7th-8th, 12th, Masters, 1st-4th, 10th, Doctorate, 5th-6th, Preschool.

education-num: Highest level of education in numerical form. **Continuous**. Range from: 1-16.

marital-status: Marital status of the individual. **Category**. **Values**: Married-civ-spouse, Divorced, Never-married, Separated, Widowed, Married-spouse-absent, Married-AF-spouse.

occupation: The occupation of the individual. **Category**. **Values**: Tech-support, Craft-repair, Other-service, Sales, Exec-managerial, Prof-specialty, Handlers-cleaners, Machine-op-inspct, Adm-clerical, Farming-fishing, Transport-moving, Priv-house-serv, Protective-serv, Armed-Forces.

relationship: A bit more difficult to explain. Contains family relationship values like husband, father, and so on, but only contains one per observation. **Category**. **Values**: Wife, Own-child, Husband, Not-in-family, Other-relative, Unmarried.

race: descriptions of the individuals race. **Category**. **Values**: White, Asian-Pac-Islander, Amer-Indian-Eskimo, Other, Black.

sex: **Binary**. Values: Female, Male.

capital-gain: Capital gains recorded. **Continuous**. Range from: 0-99999.

capital-loss: Capital Losses recorded. **Continuous**. Range from: 0-4356.

hours-per-week: Hours worked per week. **Continuous**. Range from: 1-99.

native-country: Country of origin for person. **Category**. **Values**: United-States, Cambodia, England, Puerto-Rico, Canada, Germany, Outlying-US(Guam-USVI-etc), India, Japan, Greece, South, China, Cuba, Iran, Honduras, Philippines, Italy, Poland, Jamaica, Vietnam, Mexico, Portugal, Ireland, France, Dominican-Republic, Laos, Ecuador, Taiwan, Haiti, Columbia, Hungary, Guatemala, Nicaragua, Scotland, Thailand, Yugoslavia, El-Salvador, Trinadad&Tobago, Peru, Hong, Holand-Netherlands.

income: the income of this person whether larger than 50K. **Binary**. **Values**: 0,1.