

## Abstract

Income is money that a person or a business receives in return for working, providing a product or service, or investing capital. A person 's income may also derive from a pension, a government benefit, building a model to predict whether an individual's income will be greater than \$50,000 per year based on several attributes. Helping Governments for income tax or any finance company.

## Design

The US Adult Census dataset is a repository of 48,842 entries extracted from the 1994 US Census database.

## Data

We will be using (income classification) Dataset from Kaggle. The dataset contains information about people and their income, 15 columns and 32,561 rows.

## Algorithm

Problem understanding, data description, data visualization, Experiments.

## Tools

Numpy, Pandas, Seaborn, matplotlib, sklearn, xgboost, imblearn, mlxtend.

## Communication

