



ADULT UCI CENSUS INCOME

A Machine learning (Supervised)

Adult UCI Census Income project.

PROJECT BY : ROHAN GAIKWAD

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ABOUT PROJECT

WHAT IS ADULT UCI CENSUS INCOME?

ADULT UCI CENSUS INCOME:

The Adult dataset is from the Census Bureau and the task is to predict whether a given adult makes more than \$50,000 a year based attributes such as education, hours of work per week, etc..

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ABOUT DATASET

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Dataset :

The adult UCI dataset is one of the popular datasets for practice. It is a **Supervised binary classification Problem** . To predict whether a person makes over 50k a year. The dataset contains a mix of categorical and numeric type data .

Variables of Dataset

- workclass
- education
- marital-status
- occupation
- relationship
- race
- sex
- native-country
- capital-gain
- fnlwgt
- age
- capital-loss
- hours-per-week

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STEPS AND PROCESS

PROJECT PROCESS

1

Research and business understanding

The first thing you have to do before you solve a problem is to define exactly what it is. You need to be able to translate data questions into something actionable.

2

Data pre-processing

Data preprocessing can refer to manipulation or dropping of data before it is used in order to ensure or enhance performance, and is an important step in the data mining process.

3

Exploratory Data analysis

Exploratory data analysis is an approach of analyzing data sets to summarize their main characteristics, often using statistical graphics and other data visualization methods.

4

Model Building

Model building process where different machine learning algorithms are used to make different machine learning models for various applications.

THANK YOU

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Income Prediction

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