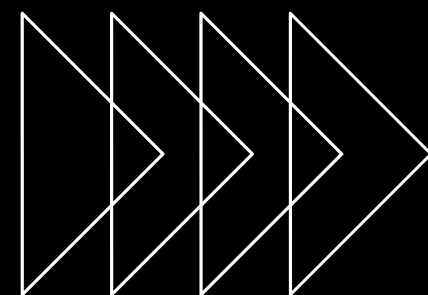


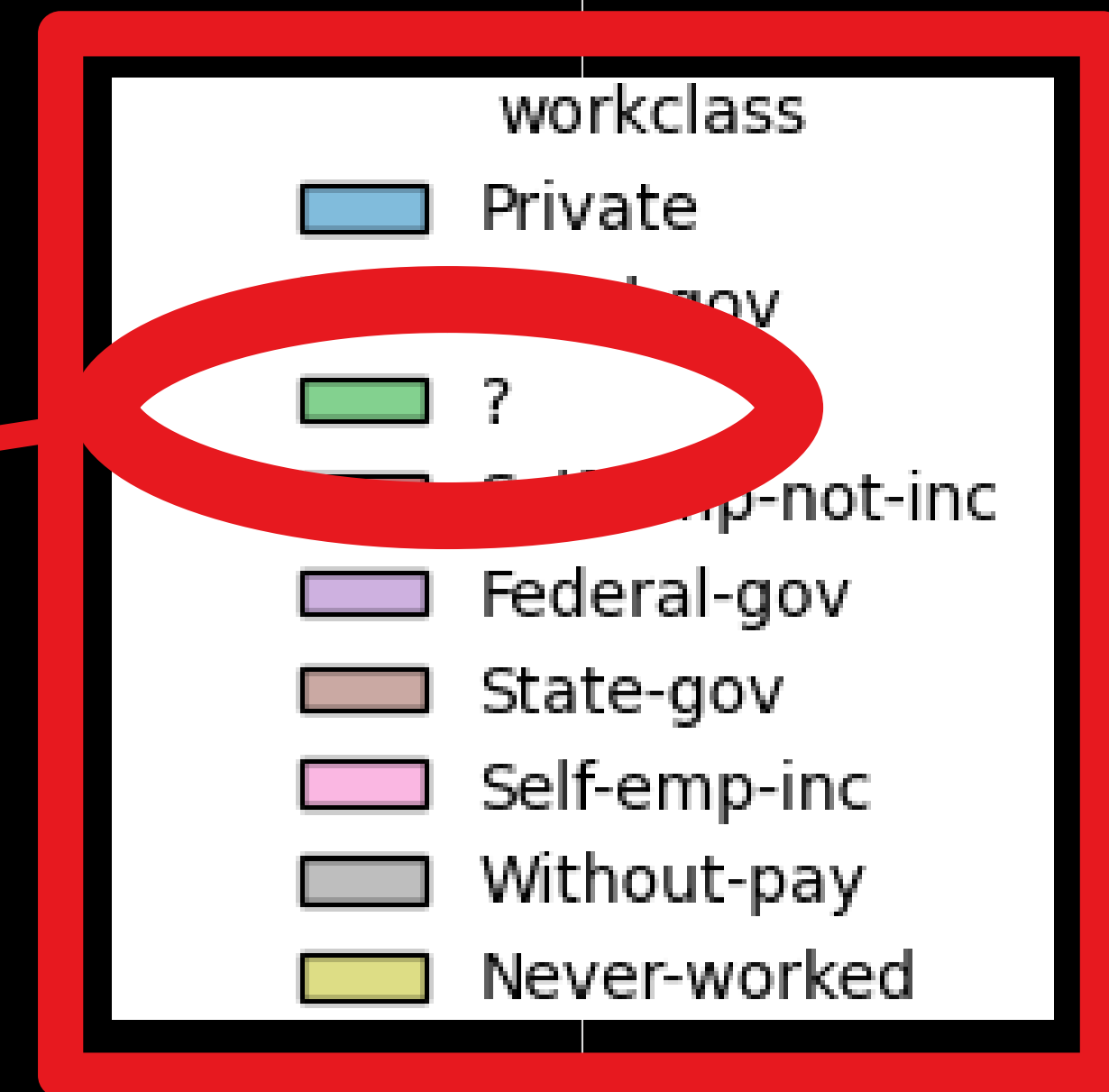
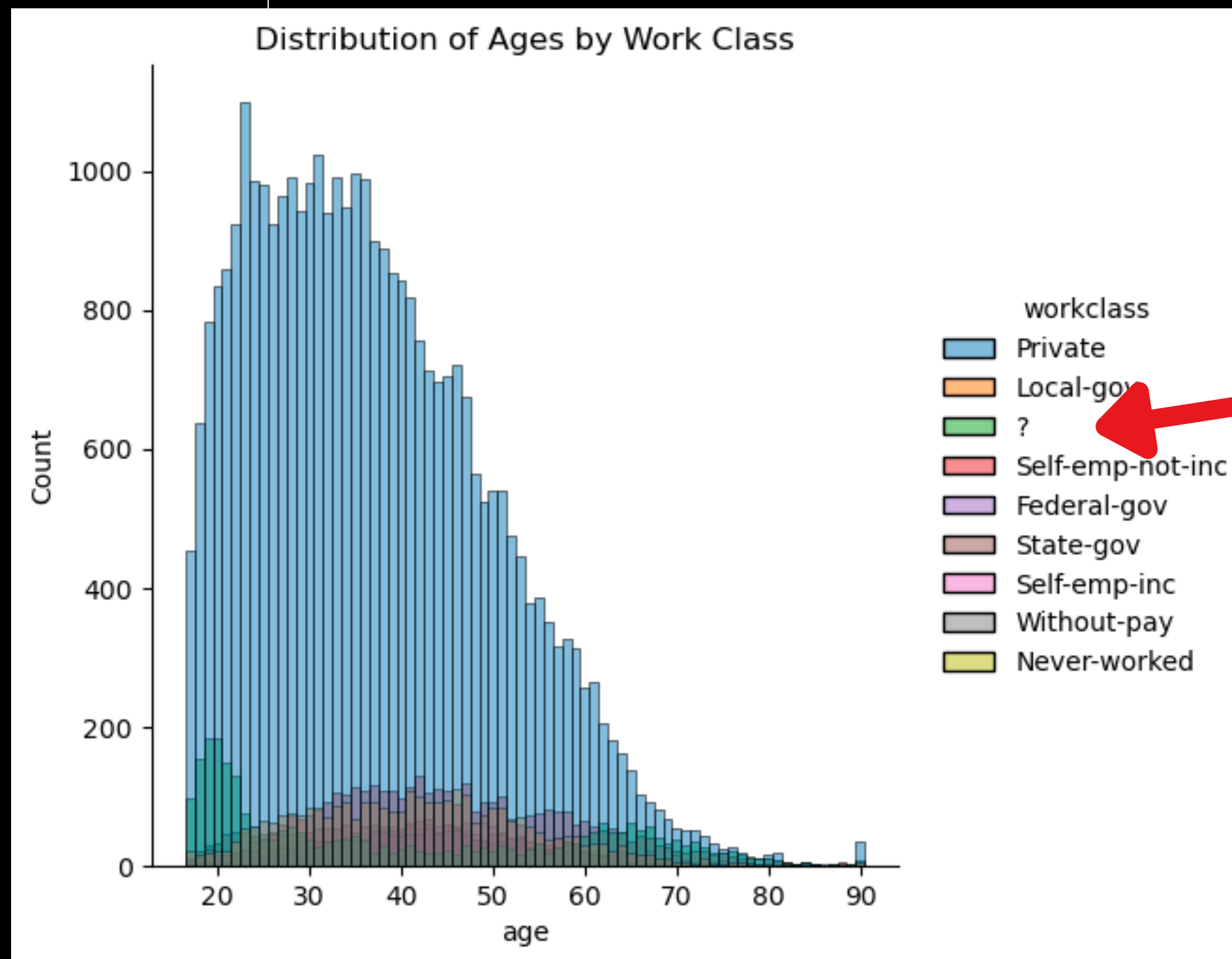
Discovering who the ? Group is

An experiential movement through and
about one demographic



WHAT IS THE ? GROUP

From a cursory look at age demographics broken up by work sector, there is a curious category called ?



*all data is from Adult Income dataset

The ? Group

1

This group is left-skewed in relation to age distribution. Although the average age of the ? Group is 40.1 years (compared to the sample's 38.6), they also have a median age of 34 years (below that of the samples 37 years)

2

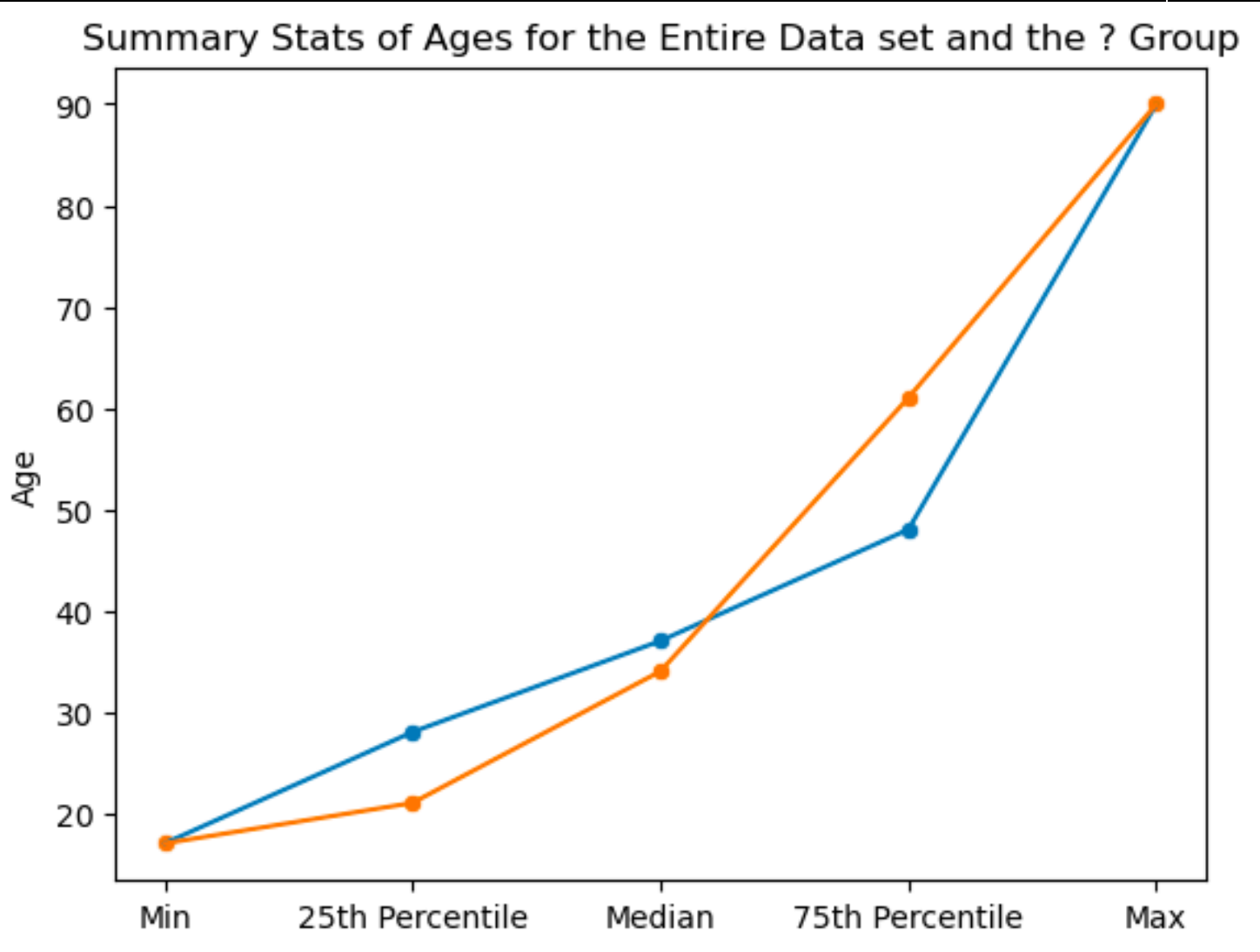
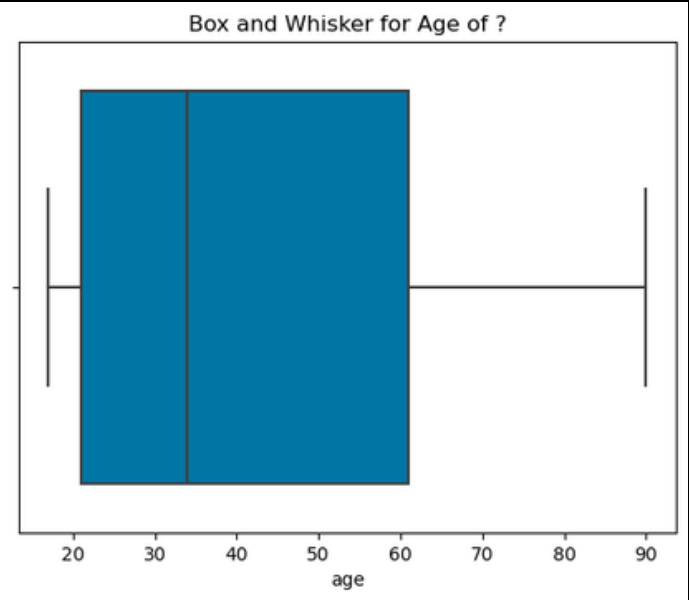
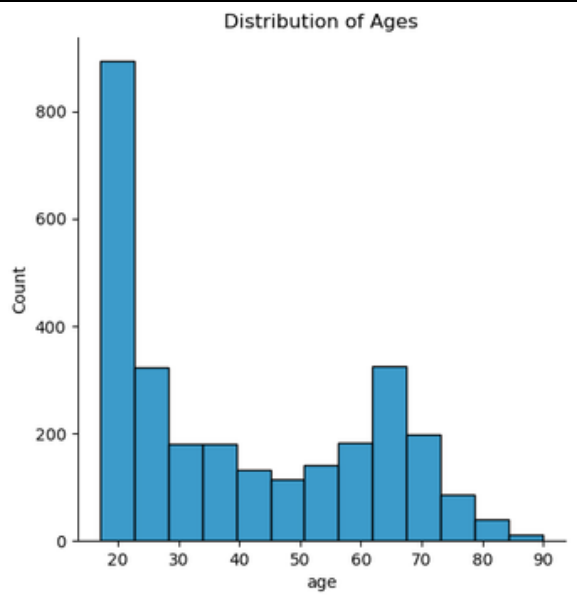
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The gender differences are quite large. The ? Group is close to evenly split between binary genders: 54.6% male, 45.4% female. The overall dataset is 66.8% male and 33.2% female. This is the closest split for any other work class. The second closest is the local goverment (59.9%M/40.1%F) and the group with the biggest split is self employed (87.6%M/12.4%F).

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For the entire data set, 76.1% of the people make \$50,000 or less. For the ? Group, 90.53% make that \$50K or less. The second closest split is the without-pay group (90.47%), while the never-worked group logically are all within that income category. The group with the highest percentage of workers making more than \$50K is self-employed, with 44.7%.



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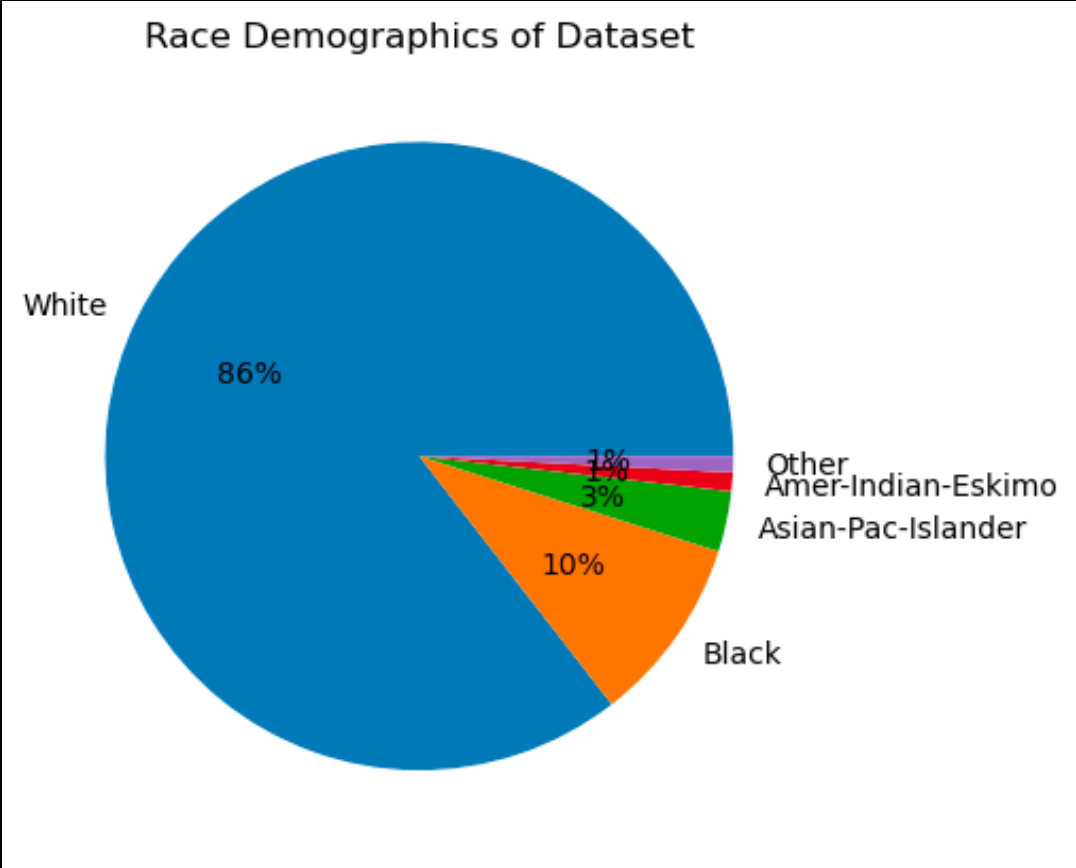
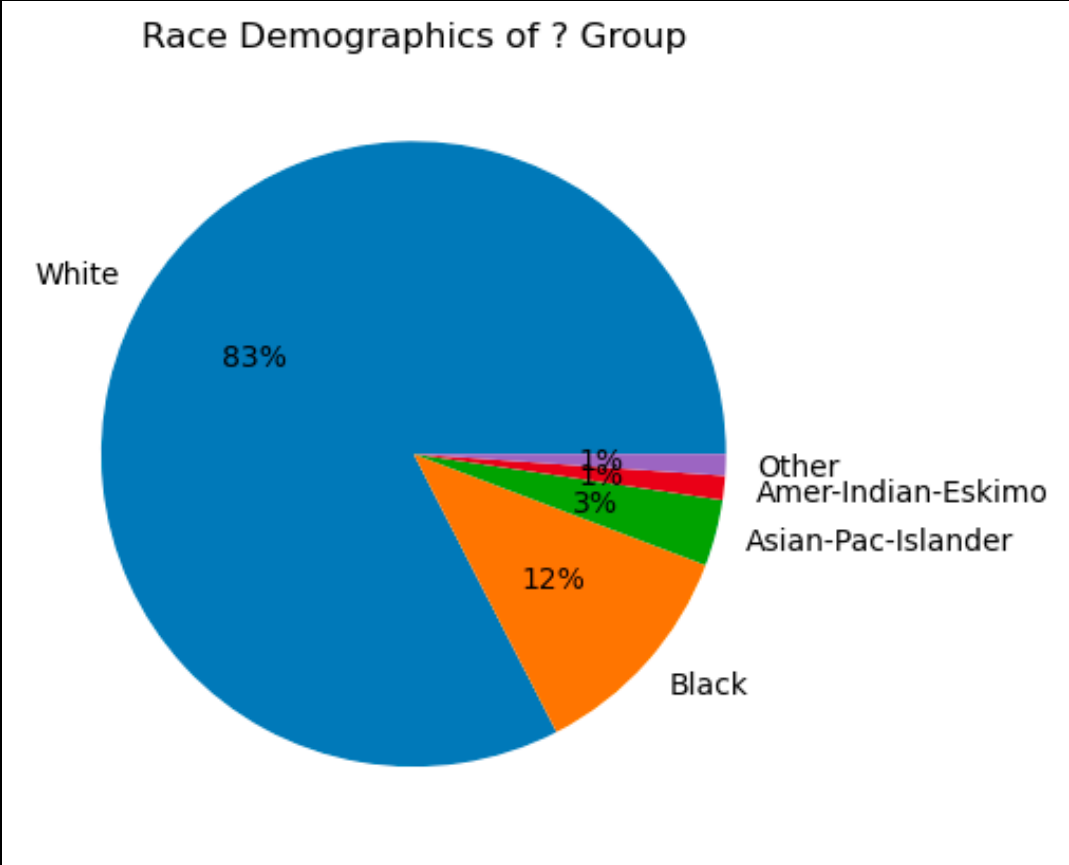
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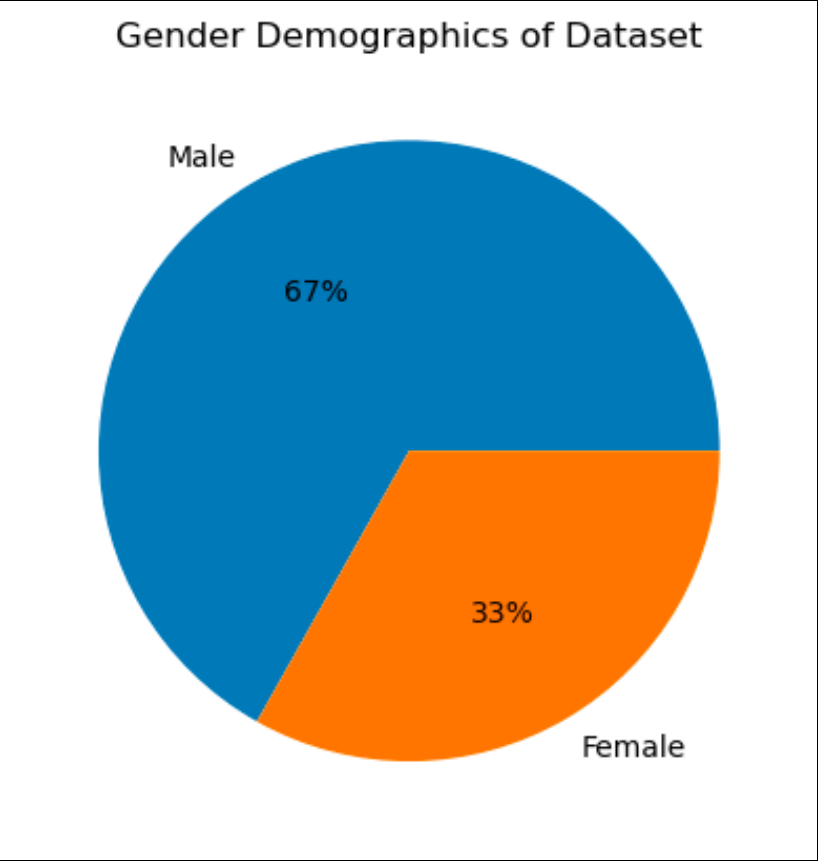
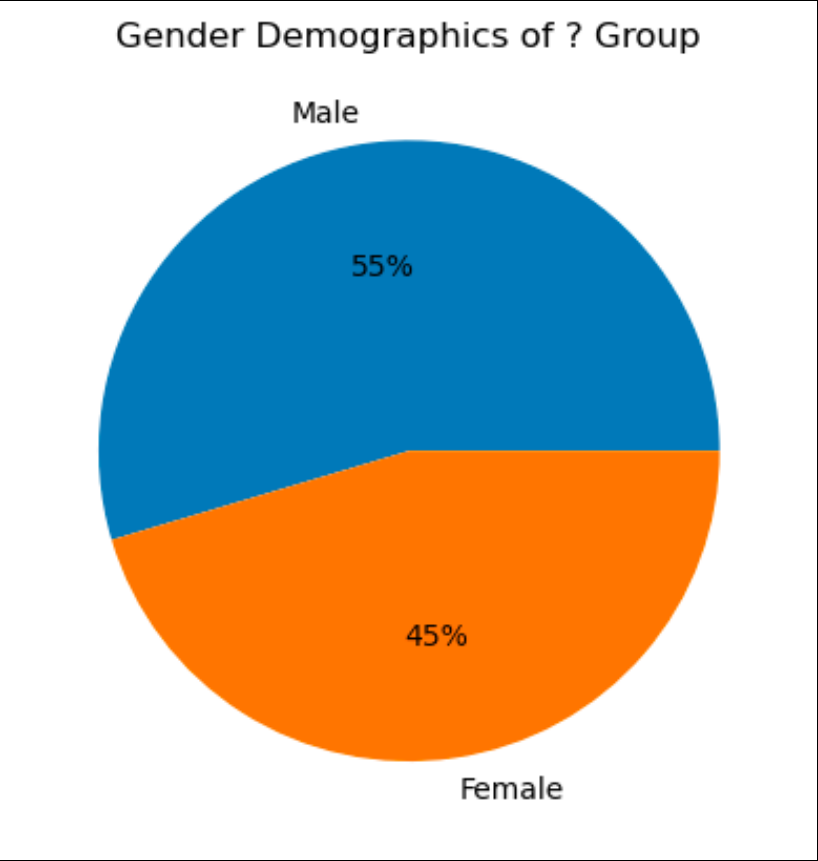
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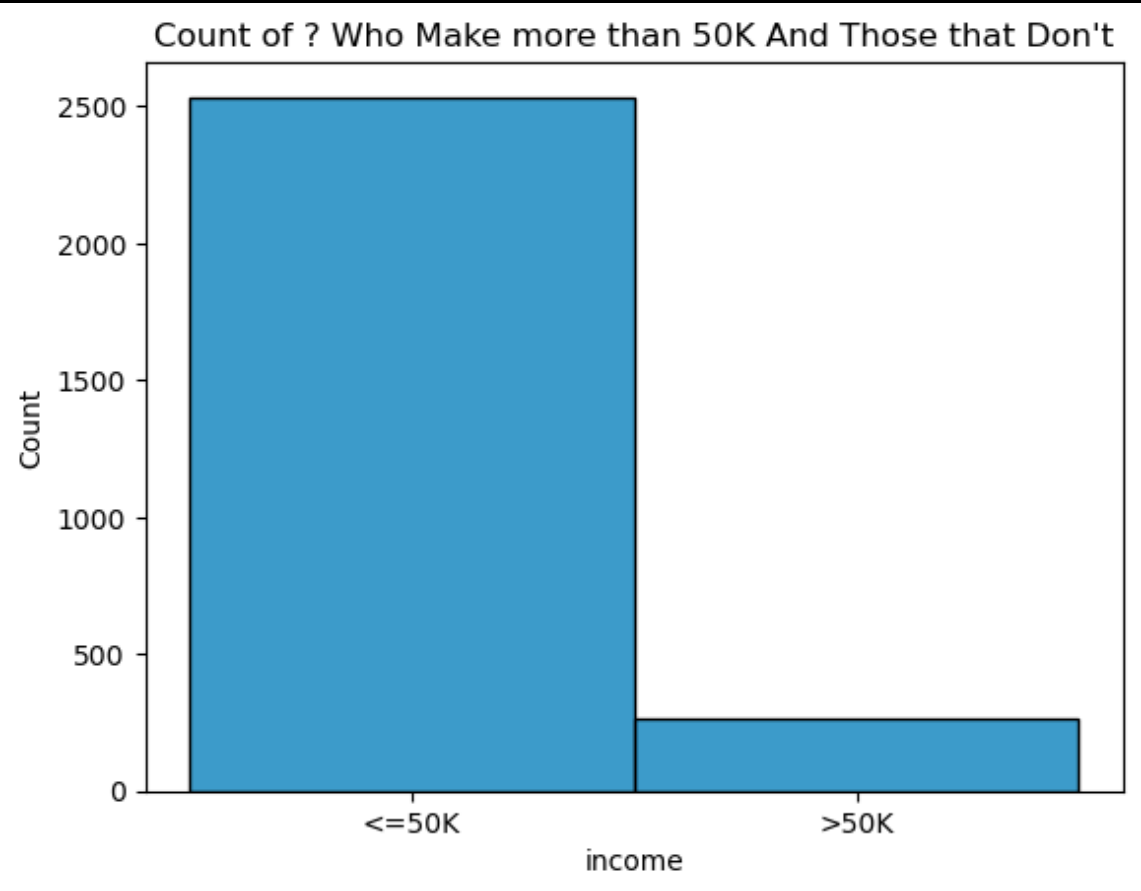
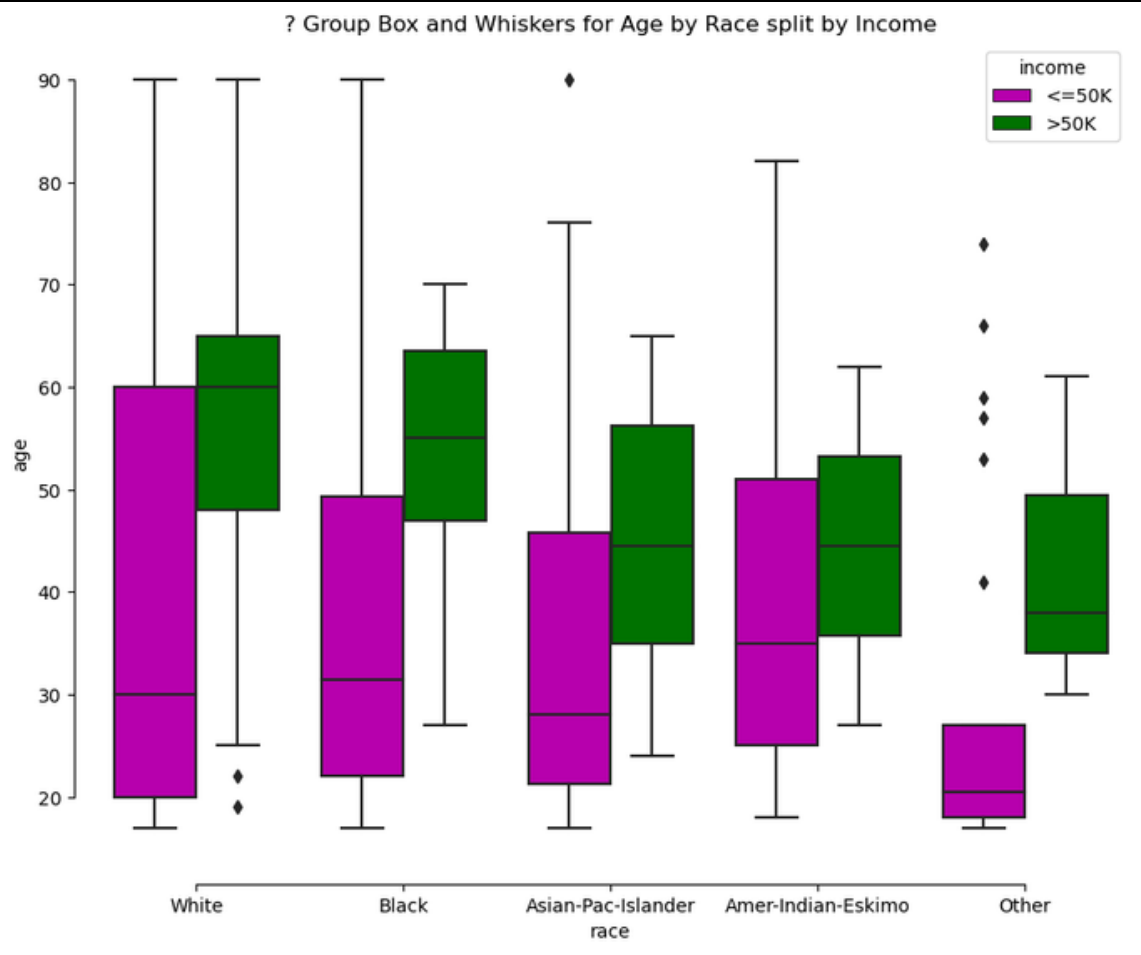
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Where is the ? Group from



United-States 2530

Mexico 48

? 46

Canada 19

South 14

Germany 13

Philippines 12

Taiwan 10

China 9

Puerto-Rico 9

El-Salvador 8

England 8

Poland 6

Dominican-Republic 6

Haiti 6

Cuba 5

Portugal 5

Italy 5

India 4

Jamaica 3

Iran 3

Columbia 3

Vietnam 3

Japan 3

Guatemala

France 2

Cambodia 2

Hong 2

Laos 2

Ecuador 2

Honduras 1

Nicaragua 1

Trinidad&Tobago 1

Hungary 1

Ireland 1

Outlying-US(Guam-USVI-etc) 1

Peru 1

Thailand 1

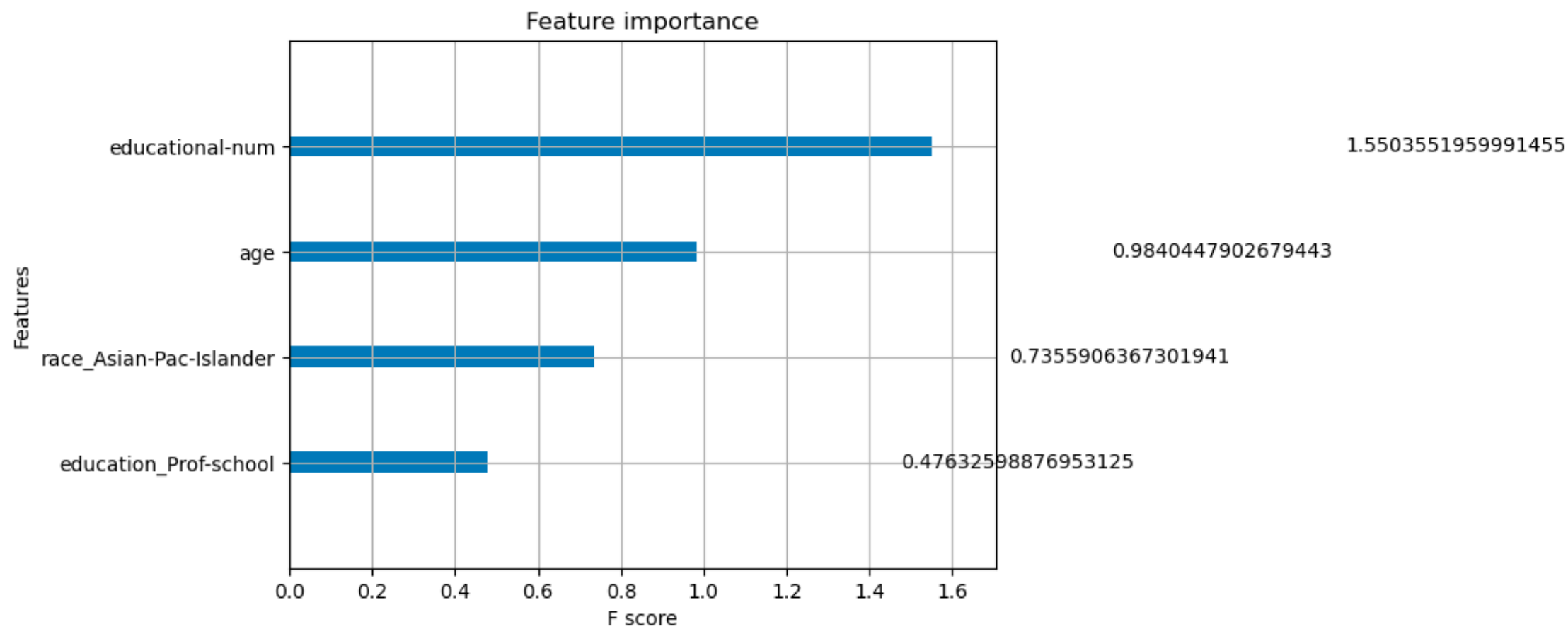
Scotland 1

2530 are from USA

45 of them are from ? (a coincidence?)

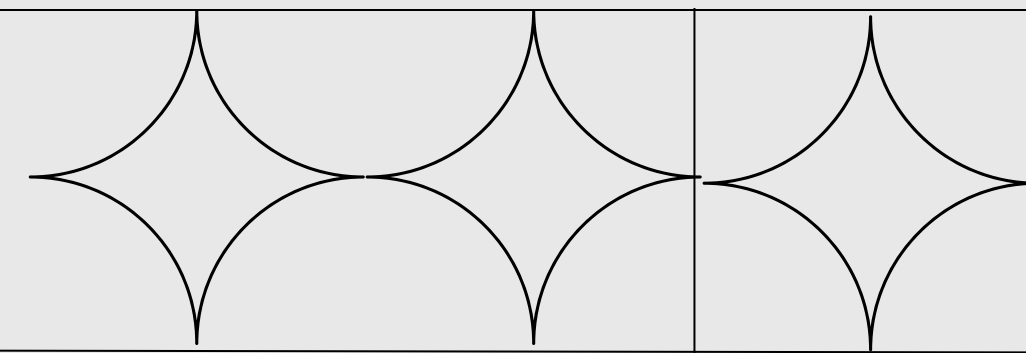
5

After running a machine learning classifier algorithm (XGBoost), it appears that the most important features are the number of educational years, their age, whether they identify their race as Asian/Pacific Island, and their school as professional



What's
important
for
identifying
someone
from the ?
Group

Who are ? in relation to the data set



They are not making the most money, that's for sure.

