In [99]:
```
import pandas as pd
import seaborn as sns
import matplotlib as plt
import matplotlib.colors as ListedColormap
```

Load csv files

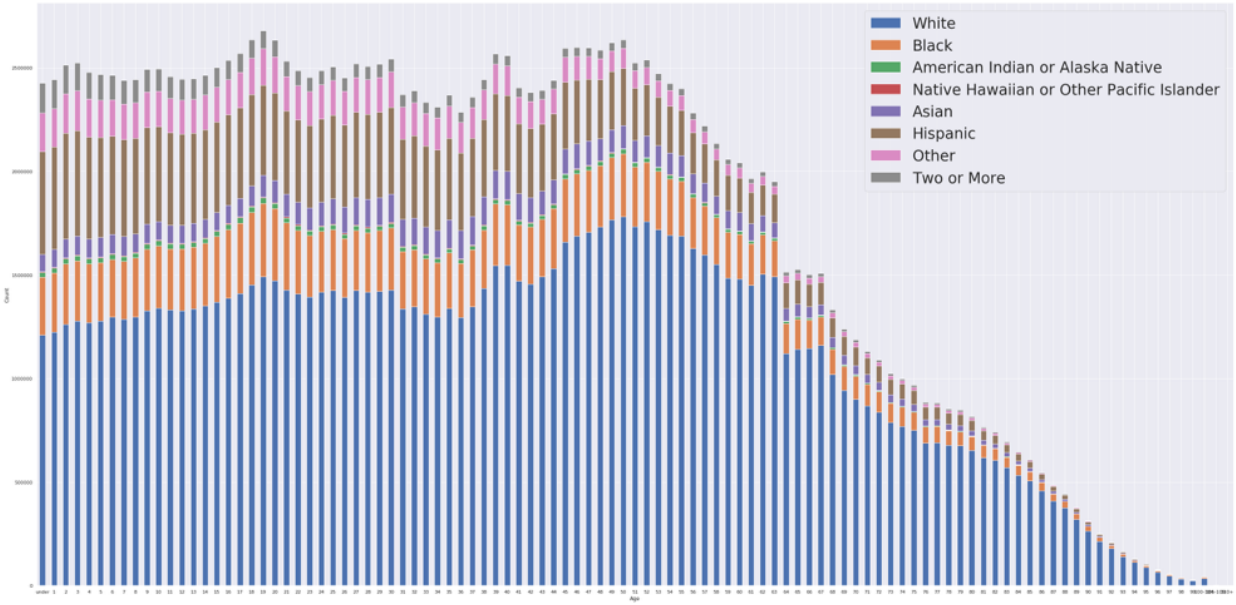
In [100]:
```
white = pd.read_csv('race_sex_age/white_sex_age.csv')
white = white[white['state'] != 'Puerto Rico']

black = pd.read_csv('race_sex_age/black_sex_age.csv')
black = black[black['state'] != 'Puerto Rico']

ai_an = pd.read_csv('race_sex_age/american_indian_or_alaska_native_sex
_age.csv')
ai_an = ai_an[ai_an['state'] != 'Puerto Rico']

nh_o = pd.read_csv('race_sex_age/native_hawaiian_or_other_pacific_isla
nder_sex_age.csv')
nh_o = nh_o[nh_o['state'] != 'Puerto Rico']

asian = pd.read_csv('race_sex_age/asian_sex_age.csv')
asian = asian[asian['state'] != 'Puerto Rico']

hispanic = pd.read_csv('race_sex_age/hispanic_sex_age.csv')
hispanic = hispanic[hispanic['state'] != 'Puerto Rico']

other = pd.read_csv('race_sex_age/other_sex_age.csv')
other = other[other['state'] != 'Puerto Rico']

two_or_more = pd.read_csv('race_sex_age/two_or_more_sex_age.csv')
two_or_more = two_or_more[two_or_more['state'] != 'Puerto Rico']
```

Set up dataframes

In [101]:
```
male = female = pd.DataFrame({'Race': ['White', 'Black', 'American Ind
ian or Alaska Native',
                               'Native Hawaiian or Other Pacific Islander
', 'Asian',
                               'Hispanic', 'Other', 'Two or More']})
for column in white:
    if column == 'male' or column == 'female':
            continue
    if 'male' in column or 'female' in column:
        race_col_totals = [white[column].values.sum(axis=0),
                           black[column].values.sum(axis=0),
                           ai_an[column].values.sum(axis=0),
                           nh_o[column].values.sum(axis=0),
                           asian[column].values.sum(axis=0),
                           hispanic[column].values.sum(axis=0),
                           other[column].values.sum(axis=0),
                           two_or_more[column].values.sum(axis=0)]
        if 'male' in column:
            male[column.split(' ')[1]] = race_col_totals
        else:
            female[column.split(' ')[1]] = race_col_totals
```

Male

In [102]:
```
sns.set()
ax = male.set_index('Race').T.plot(kind='bar', stacked='True', rot=0,
figsize=(50, 25))
ax.legend(prop={'size': 35})
ax.set_xlabel("Age")
ax.set_ylabel("Count")
fig = ax.get_figure()
fig.savefig("male.png")
```



Female

In [103]:
```
sns.set()
ax = female.set_index('Race').T.plot(kind='bar', stacked='True', rot=0
, figsize=(50, 25))
ax.legend(prop={'size': 35})
ax.set_xlabel("Age")
ax.set_ylabel("Count")
fig = ax.get_figure()
fig.savefig("female.png")
```