START YOUR NEXT CHAPTER IN CALIFORNIA

Presenting visuals of housing data using Seaborn

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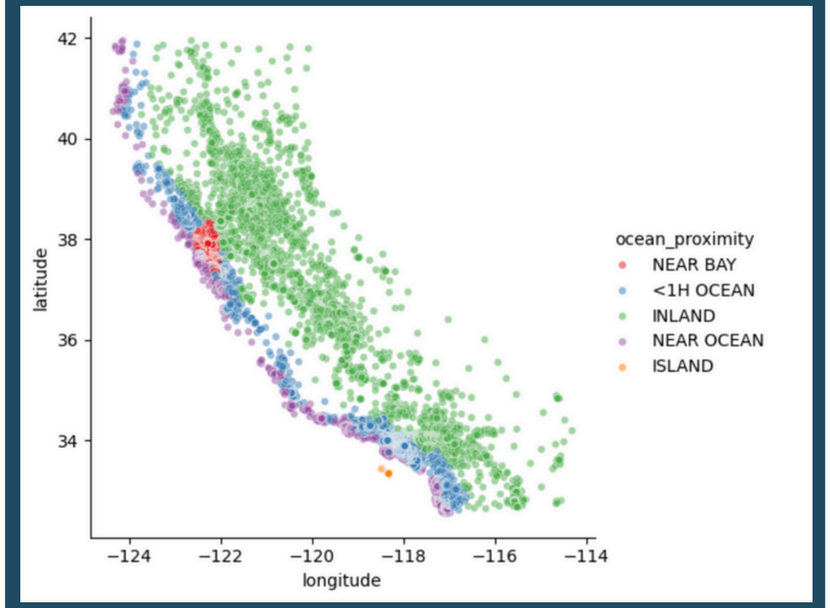
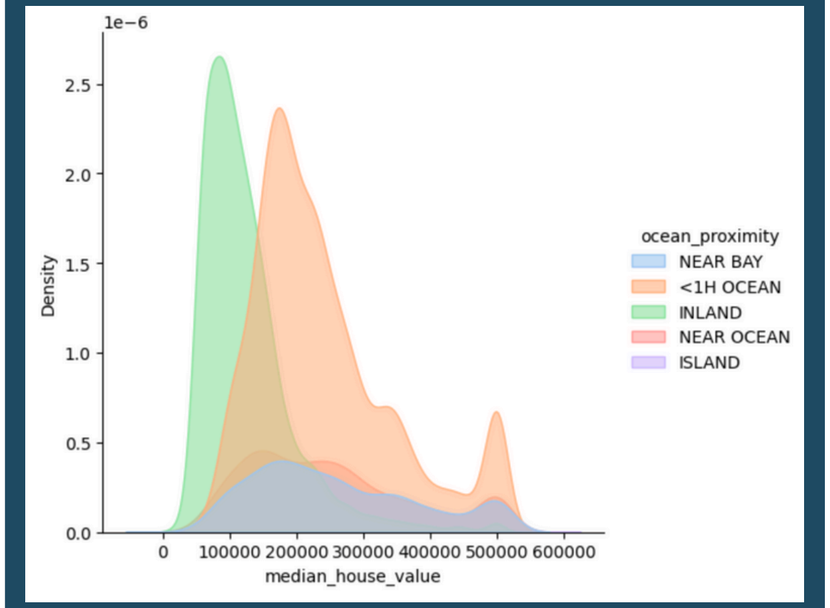
VISUALISATIONS

Geographical distribution of housing by ocean proximity



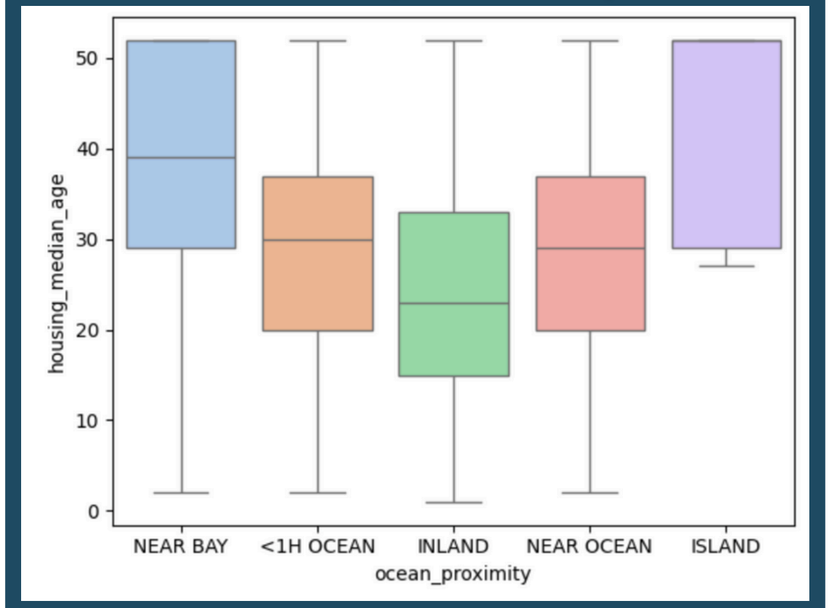

```
g = sns.relplot(kind="scatter",
data=df, x="longitude", y="latitude",
hue="ocean_proximity", alpha=0.5,
s=20, palette="Set1")
```

Number of properties by house value in each area




```
g = sns.displot( x="median_house_value",
data=df, hue="ocean_proximity",
kind="kde", fill=True, alpha=0.6,
palette="pastel")
```

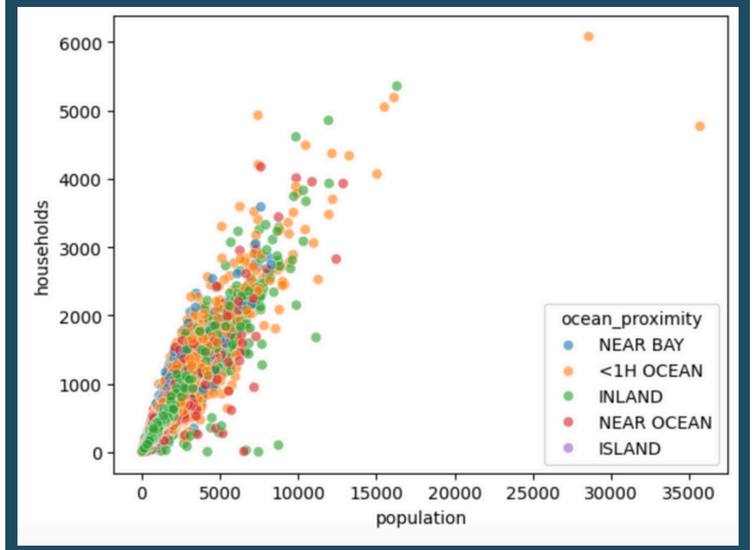
Typical age representation of main householder by ocean proximity




```
g = sns.boxplot(x="ocean_proximity",
y="housing_median_age", data=df,
palette="pastel")
```

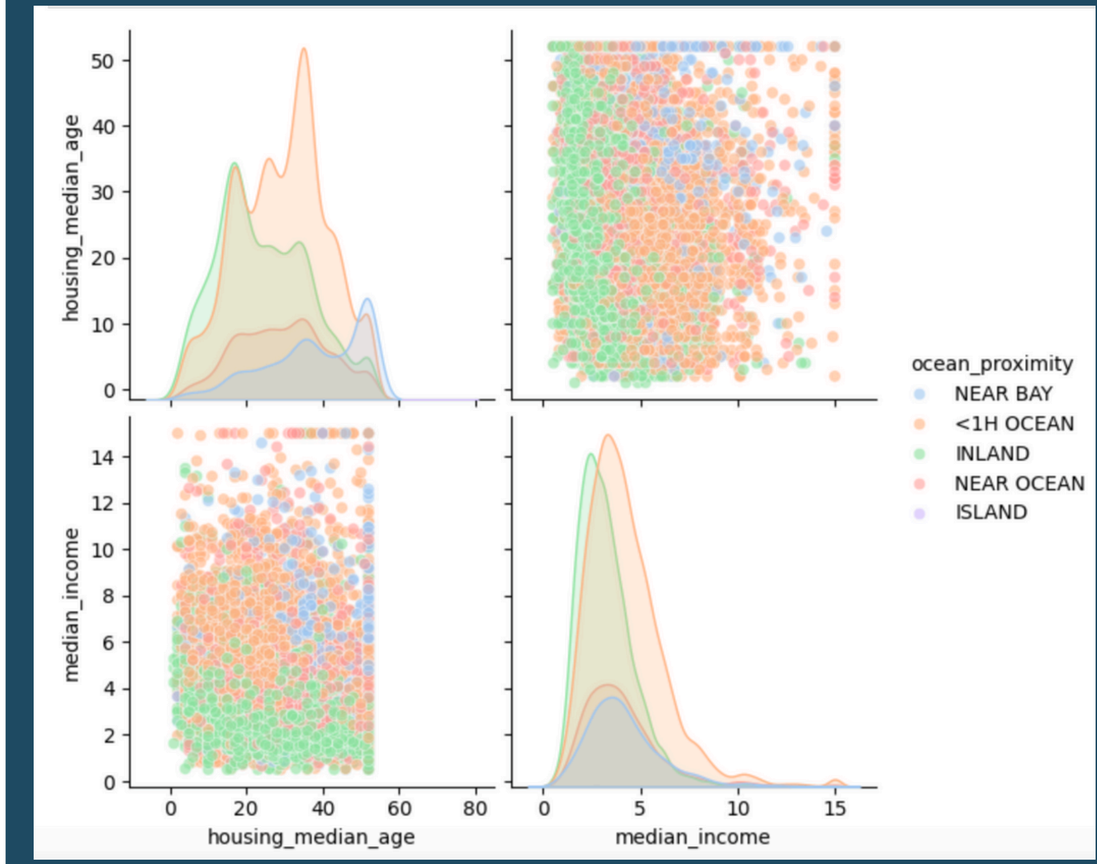
MORE VISUALISATIONS

Correlation between number of households and population by ocean proximity




```
g = sns.scatterplot(x="population", y="households", data=df, hue="ocean_proximity", alpha=0.6)
```

Correlation of typical age and income representation in different areas




```
g = sns.pairplot(vars=["housing_median_age", "median_income"], data=df, hue="ocean_proximity", palette="pastel", height=3, plot_kws={"alpha":0.6})
```

THANK YOU

for your time.