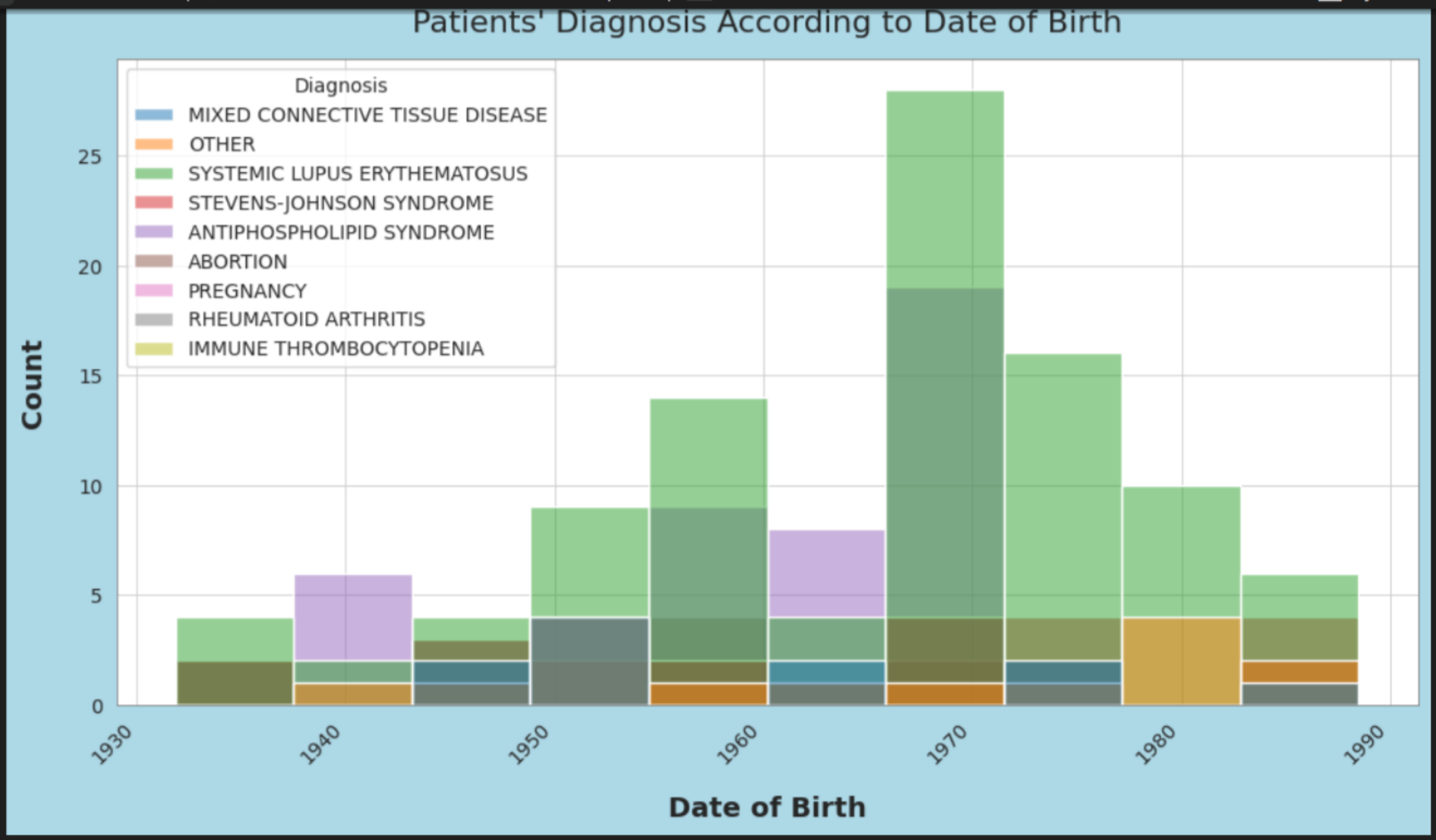
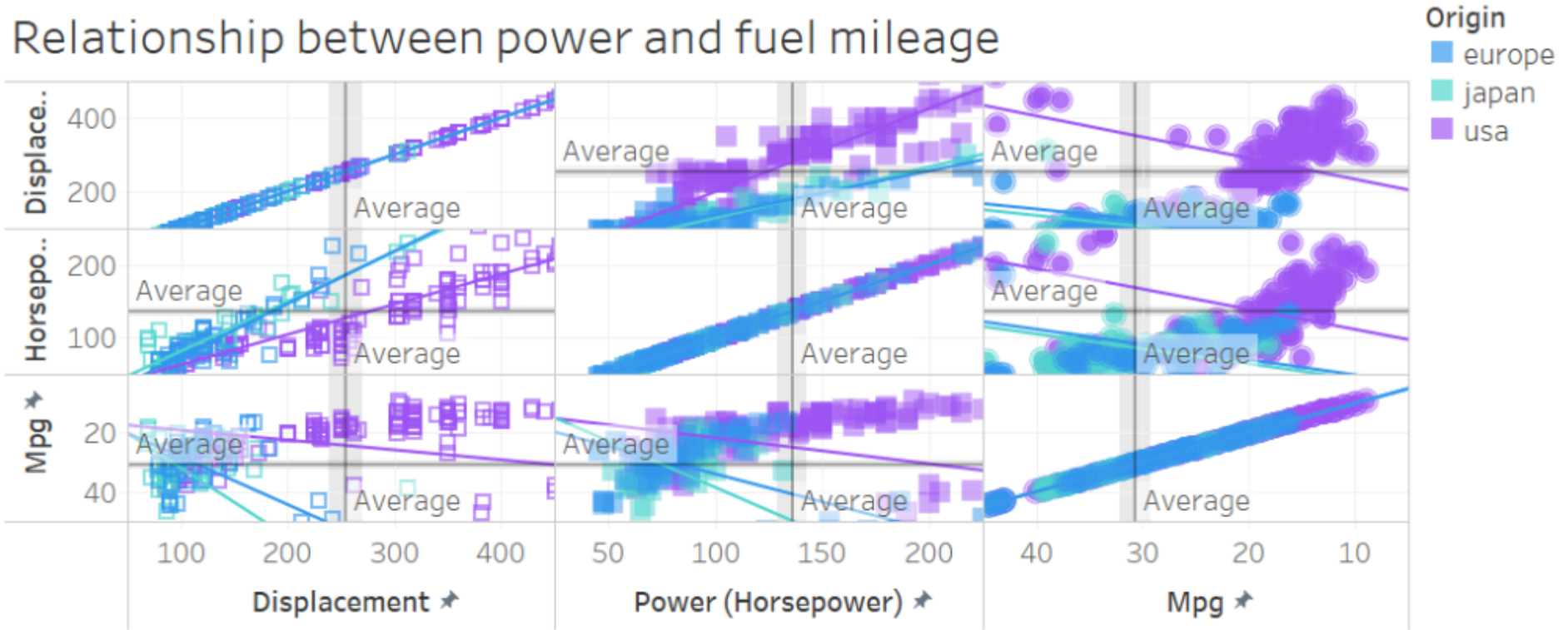
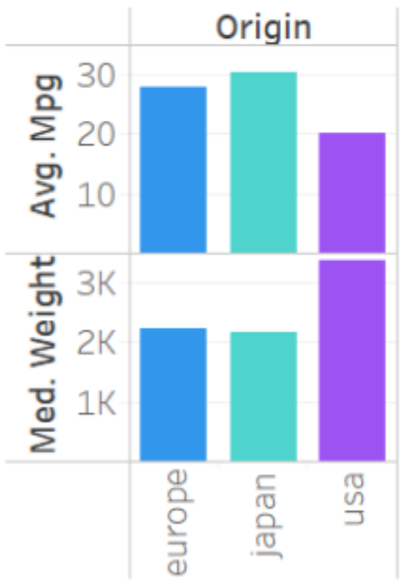
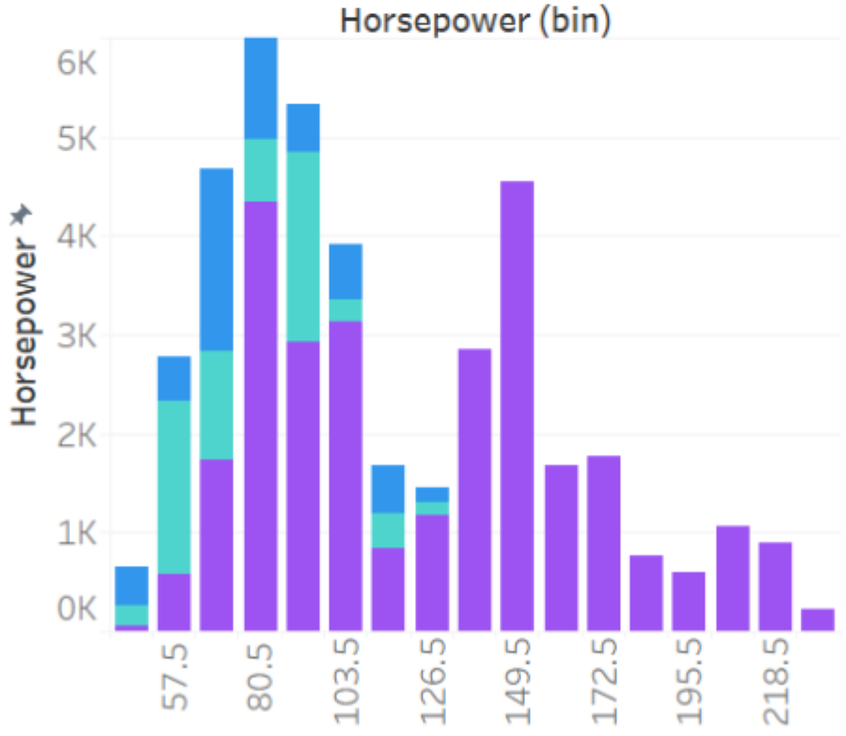

Patients' Diagnosis According to Date of Birth
Diagnosis
MIXED CONNECTIVE TISSUE DISEASE
OTHER
SYSTEMIC LUPUS ERYTHEMATOSUS
STEVENS-JOHNSON SYNDROME
ANTIPHOSPHOLIPID SYNDROME
ABORTION
PREGNANCY
RHEUMATOID ARTHRITIS
IMMUNE THROMBOCYTOPENIA
Count
0
5
10
15
20
25
1930
1940
1950
1960
1970
1980
1990
Date of Birth



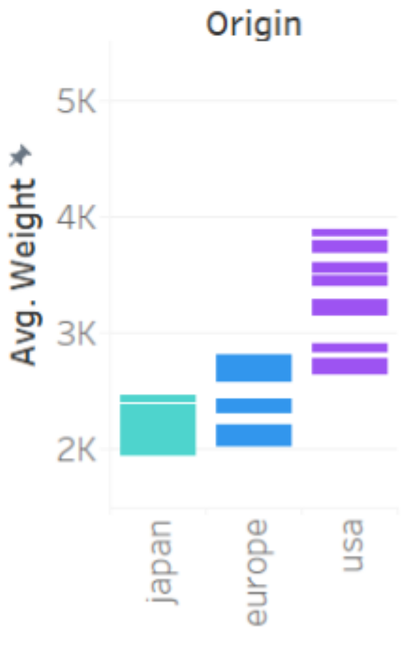
Compare central tendencies



Horse Power Distribution

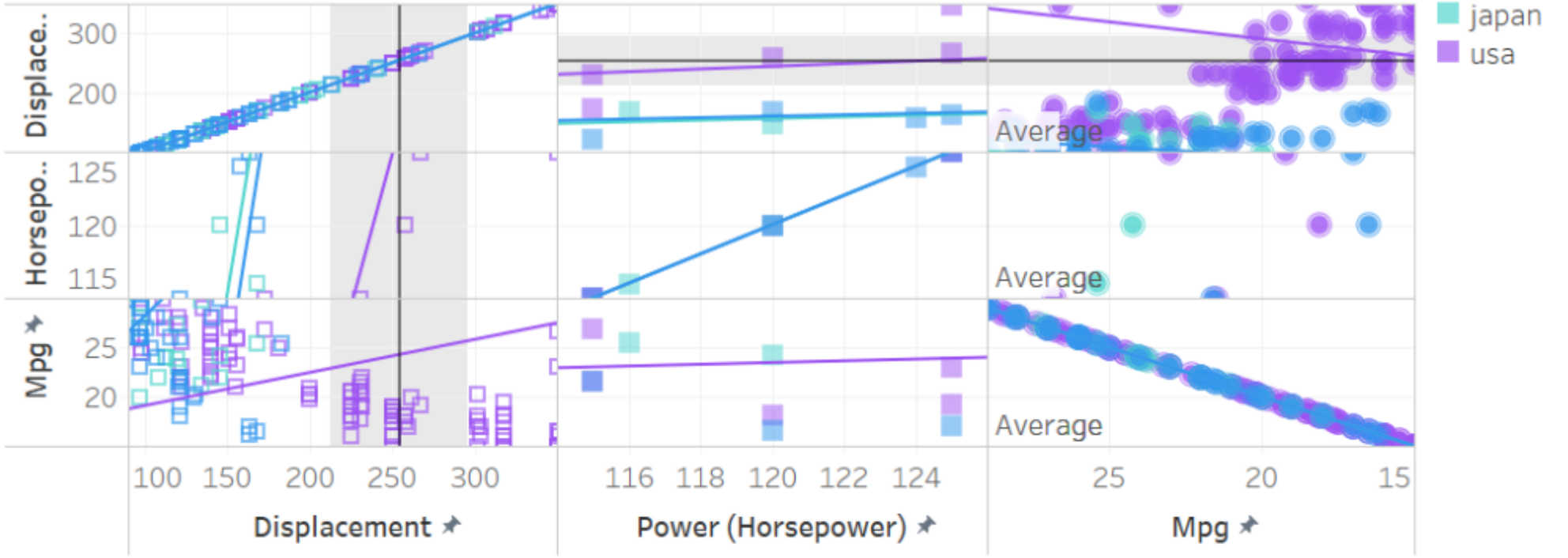


Weight distribution

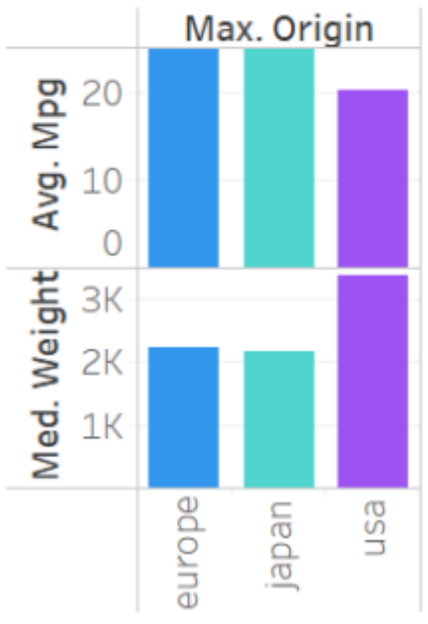


Dashobard of the relationships between Power and Fuel Mileage and Information on Vehicle Weight, MPG, and Horsepower

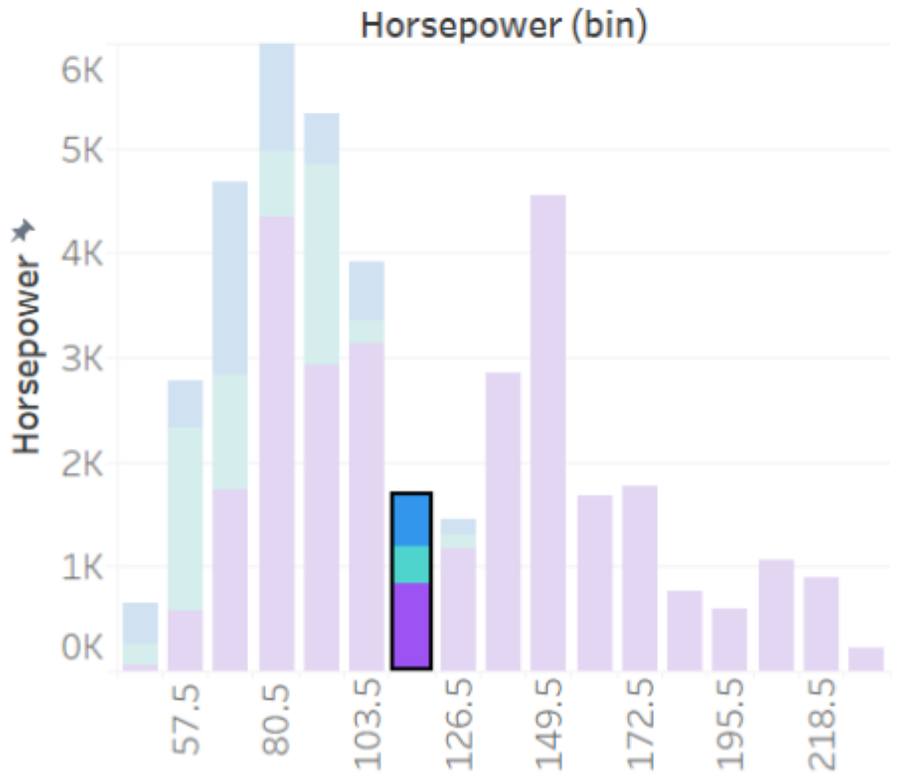
Relationship between power and fuel mileage



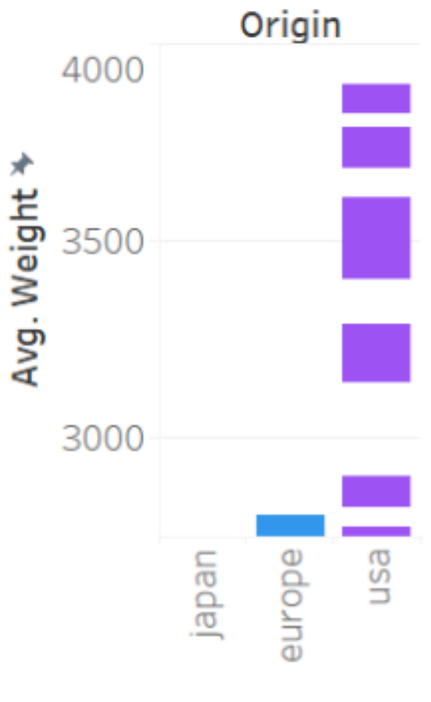
Compare central tendencies



Horse Power Distribution

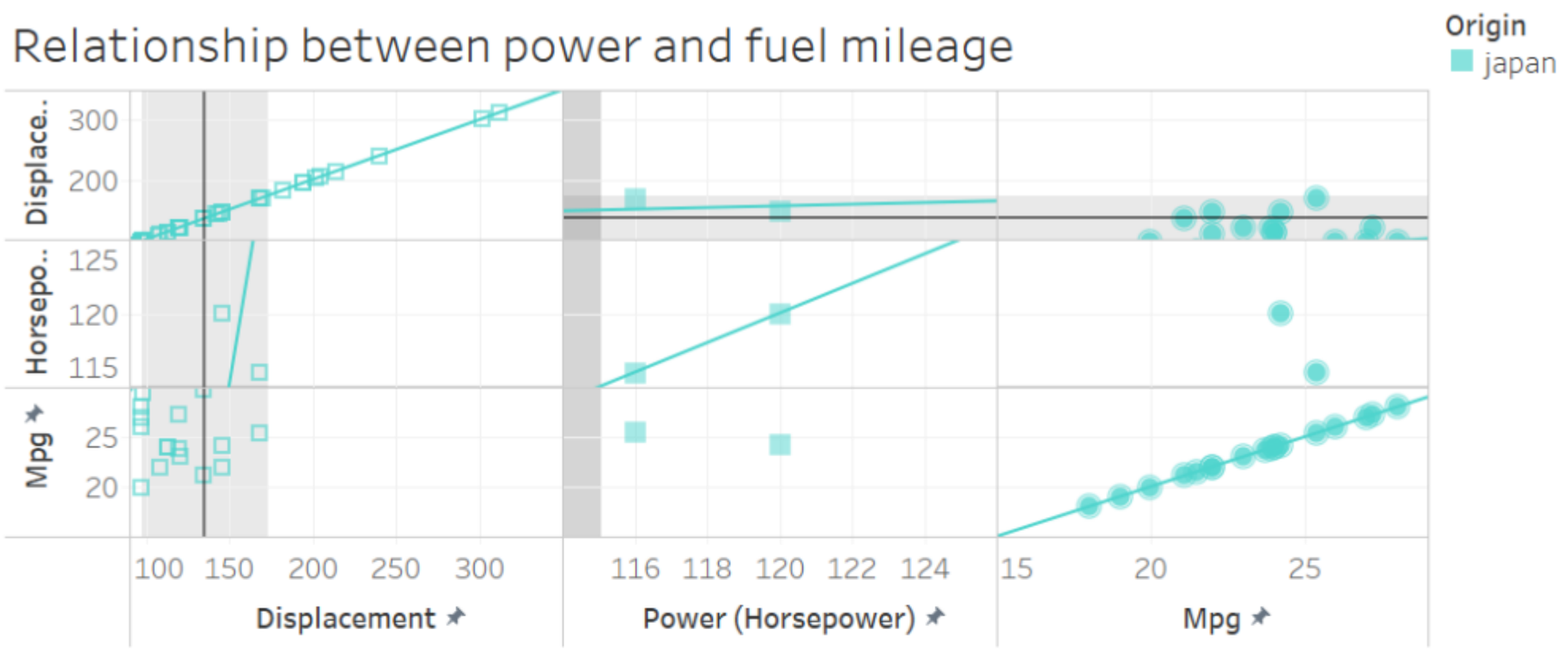


Weight distribution

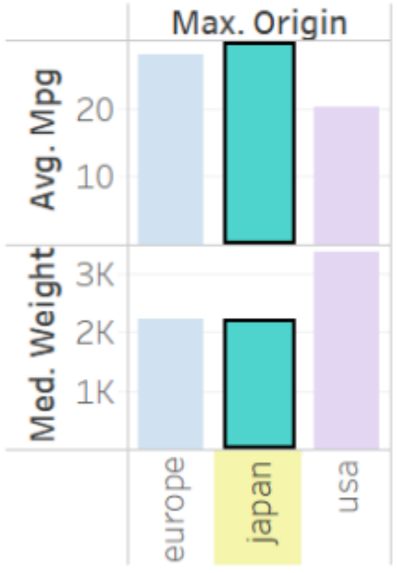


Dashobard of previous dashboard being filtered to highlight relationships

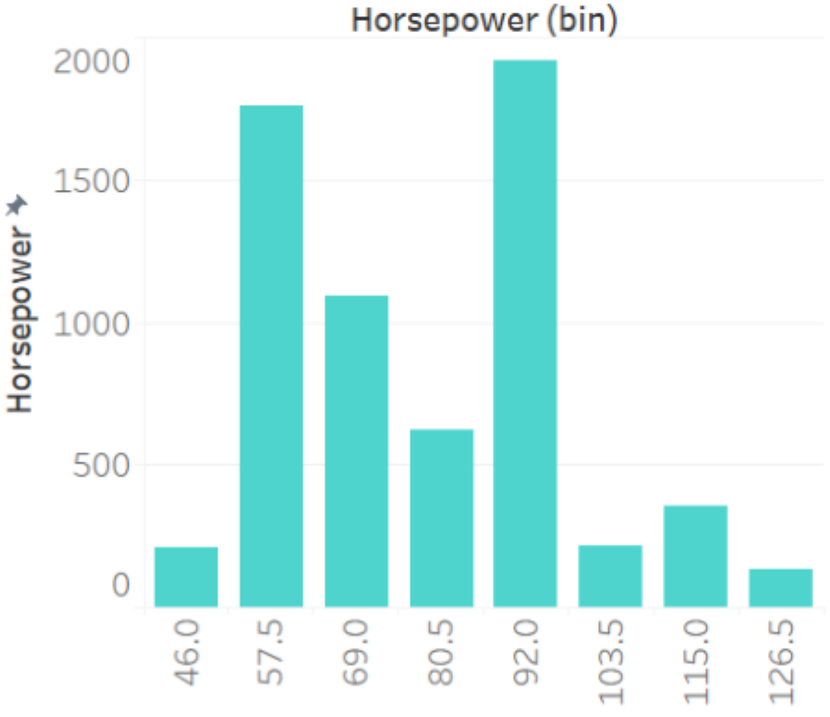
Relationship between power and fuel mileage



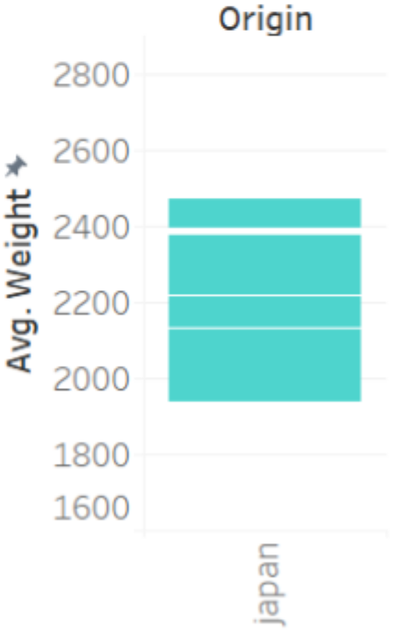
Compare central tendencies



Horse Power Distribution



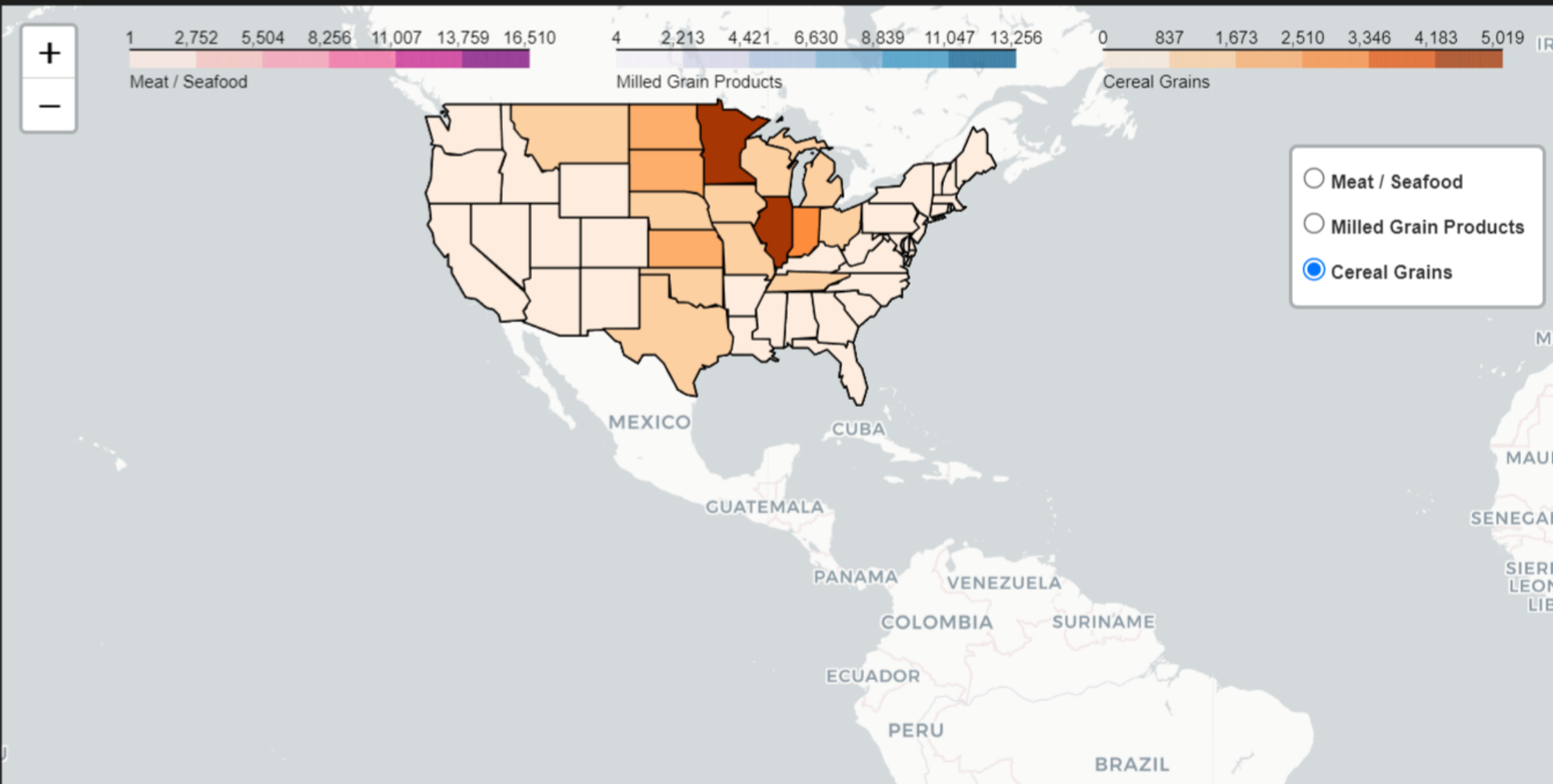
Weight distribution



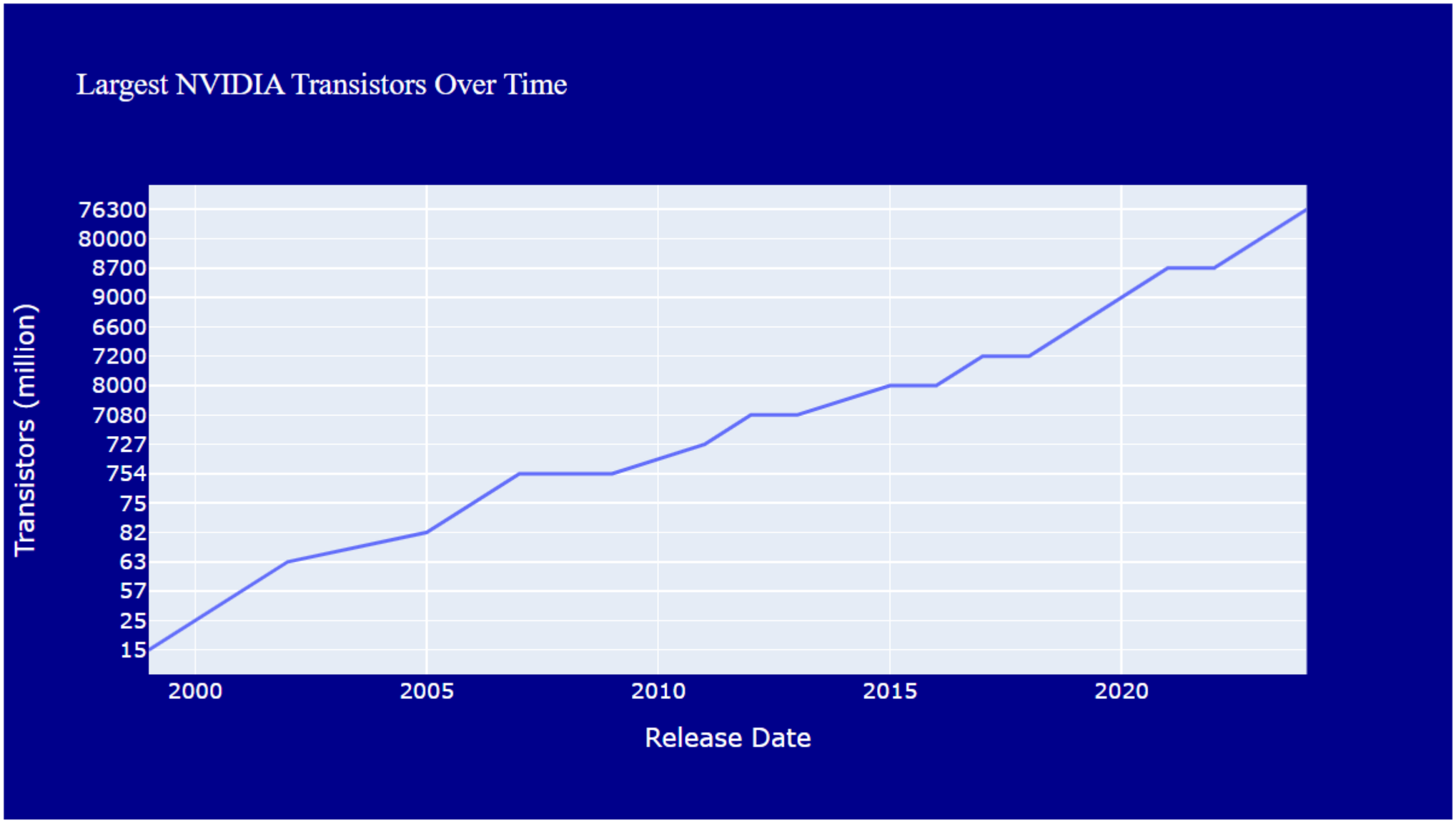
Dashobard of previous dashboard being filtered to highlight relationships

```
cereal.add_to(m)


folium.LayerControl(collapsed= False).add_to(m)
m
```

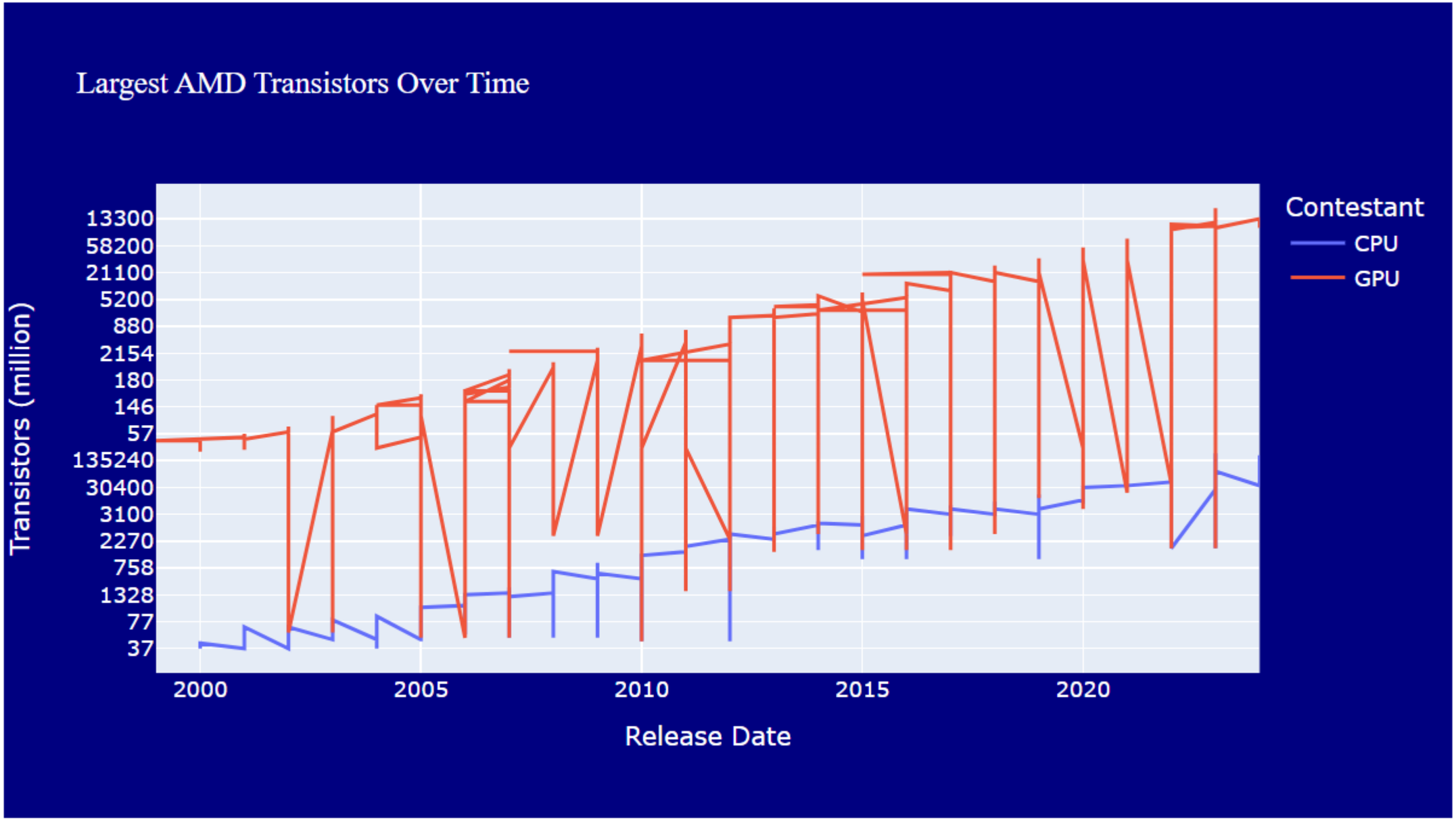


```
fig.show()
```



AMD seemingly did not produce transistors for GPUs. Thus, I switched to NVIDIA, who appear to have only made their transistors for GPUs. This scatter plot still serves as a good depiction of Moore's Law. Over the 20 years shown, the amount of transistors NVIDIA produces increases seemingly more gradually than the CPUs' steep growth. The size of transistors are noticeably increasing every year

```
fig.show()
```



This scatter plot depicts the essence of Moore's Law. Over the 20 years shown, the amount of transistors AMD produces increases by approximately 200% at least– excluding the year 2004. The size of transistors are noticeably increasing every year

```
fig, ax = plt.subplots(figsize=(12,8))

sns.histplot(age, kde= True)
ax.set_title("Age of Mothers with a Son as the Eldest Child", fontsize= 16, pad= 14)

ax.set_xlabel("Mothers: Age", fontsize= 14, labelpad=14)
ax.set_ylabel("Count", fontsize= 14, labelpad=14)

plt.show()
```

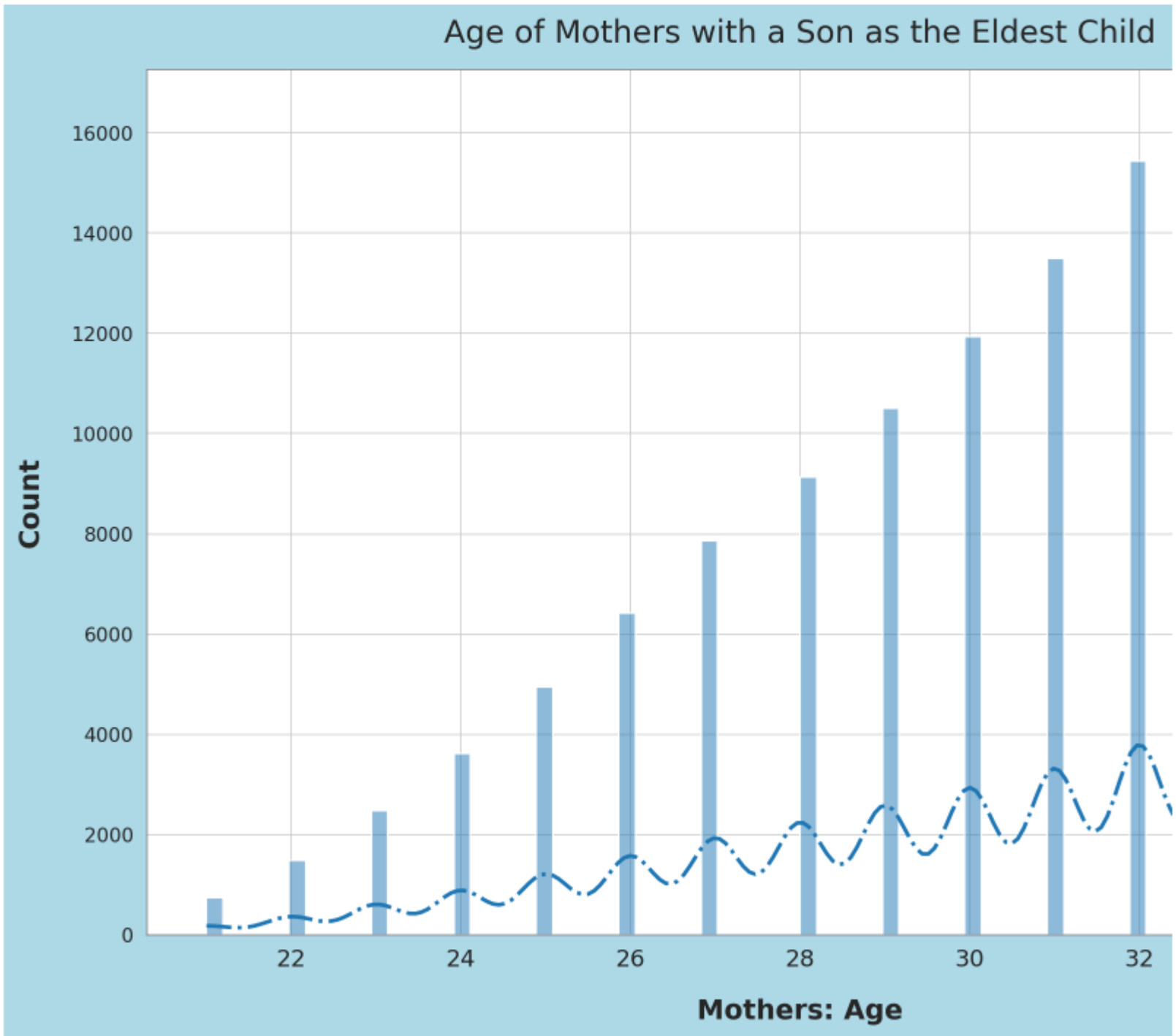


Figure 1: Distribution of mothers' ages (at the time of Census) who have a son as the eldest child