

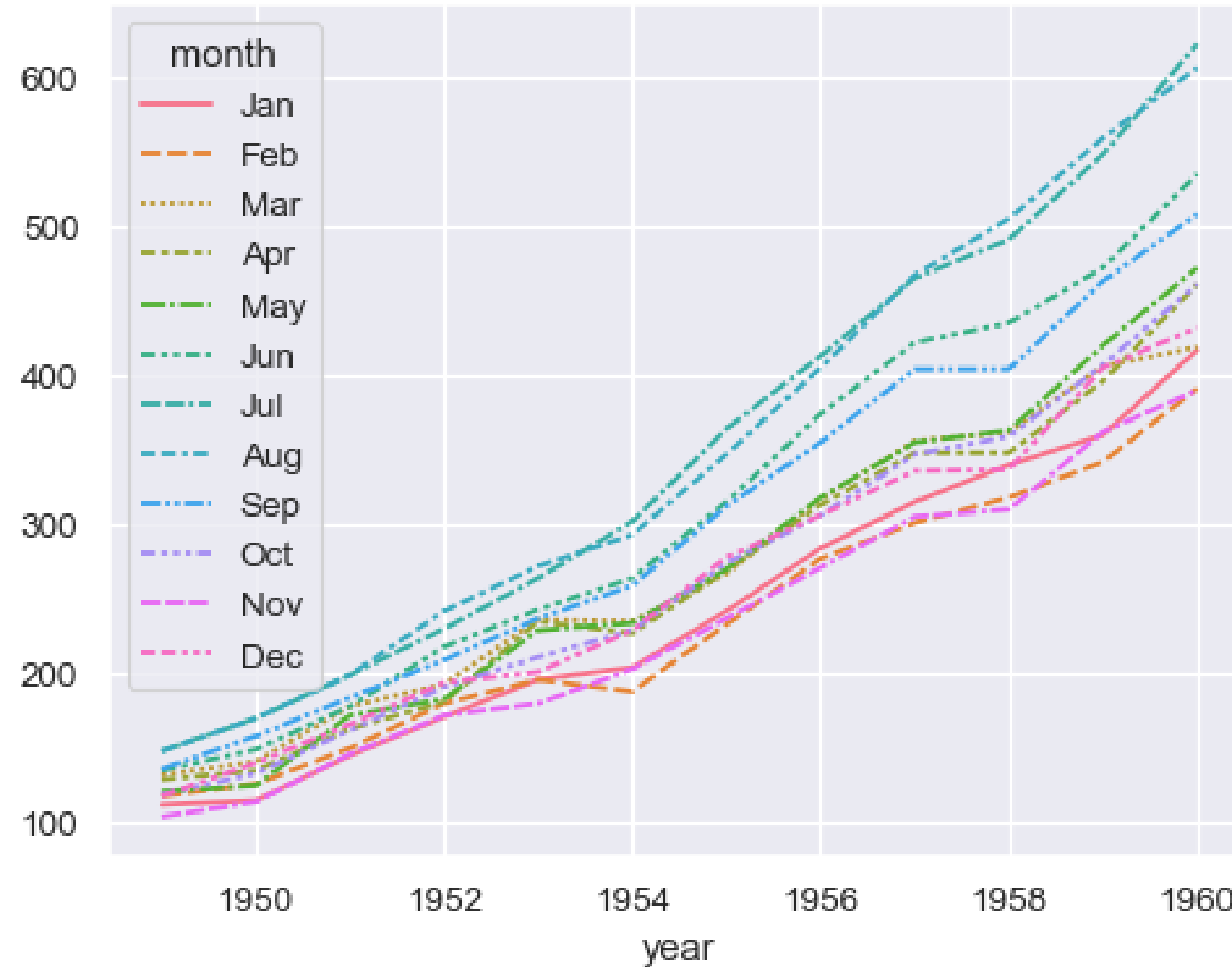
Building visualizations with Seaborn

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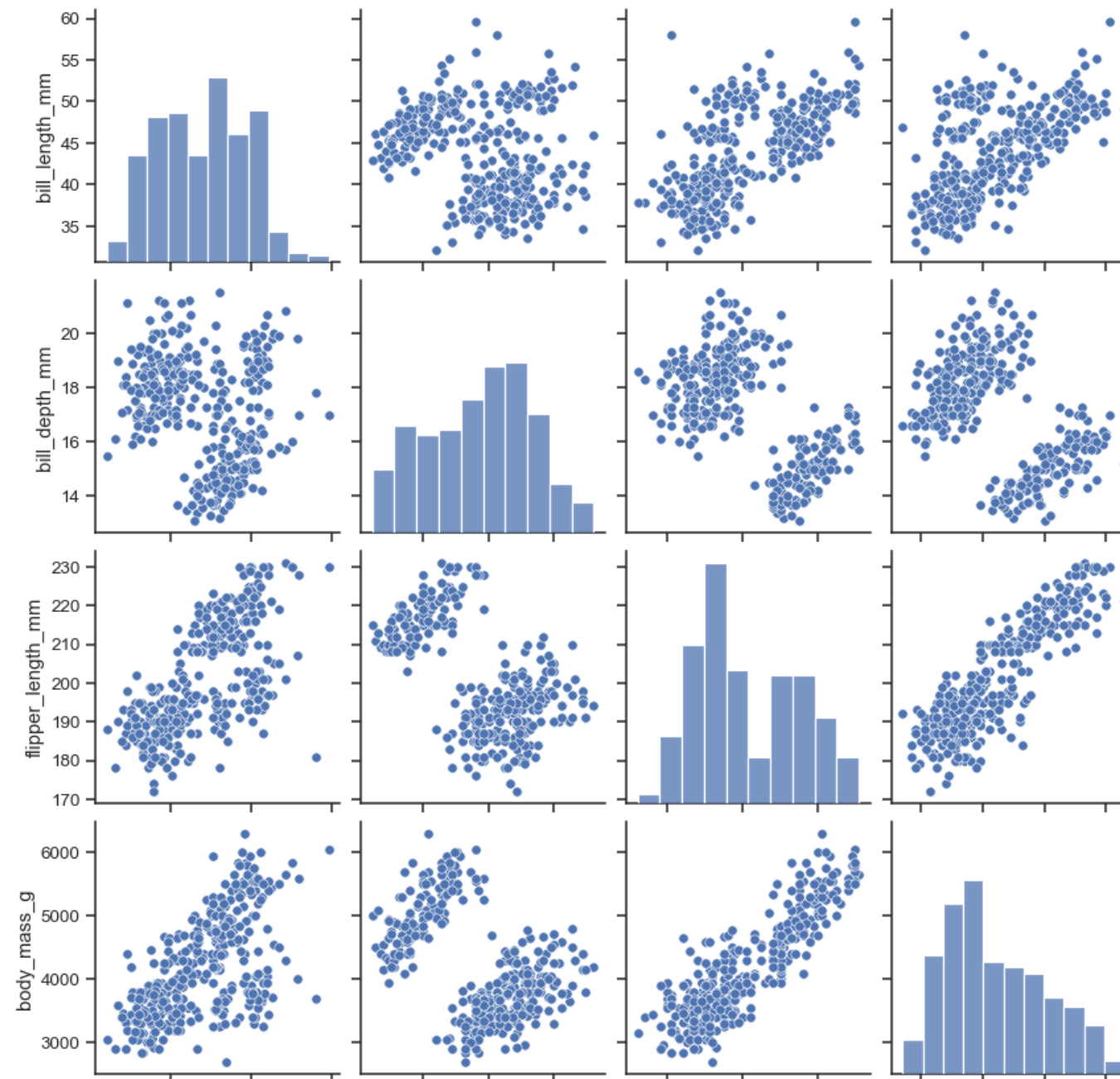
Jacob H. Marquez
Data Scientist

Plots with the Seaborn package



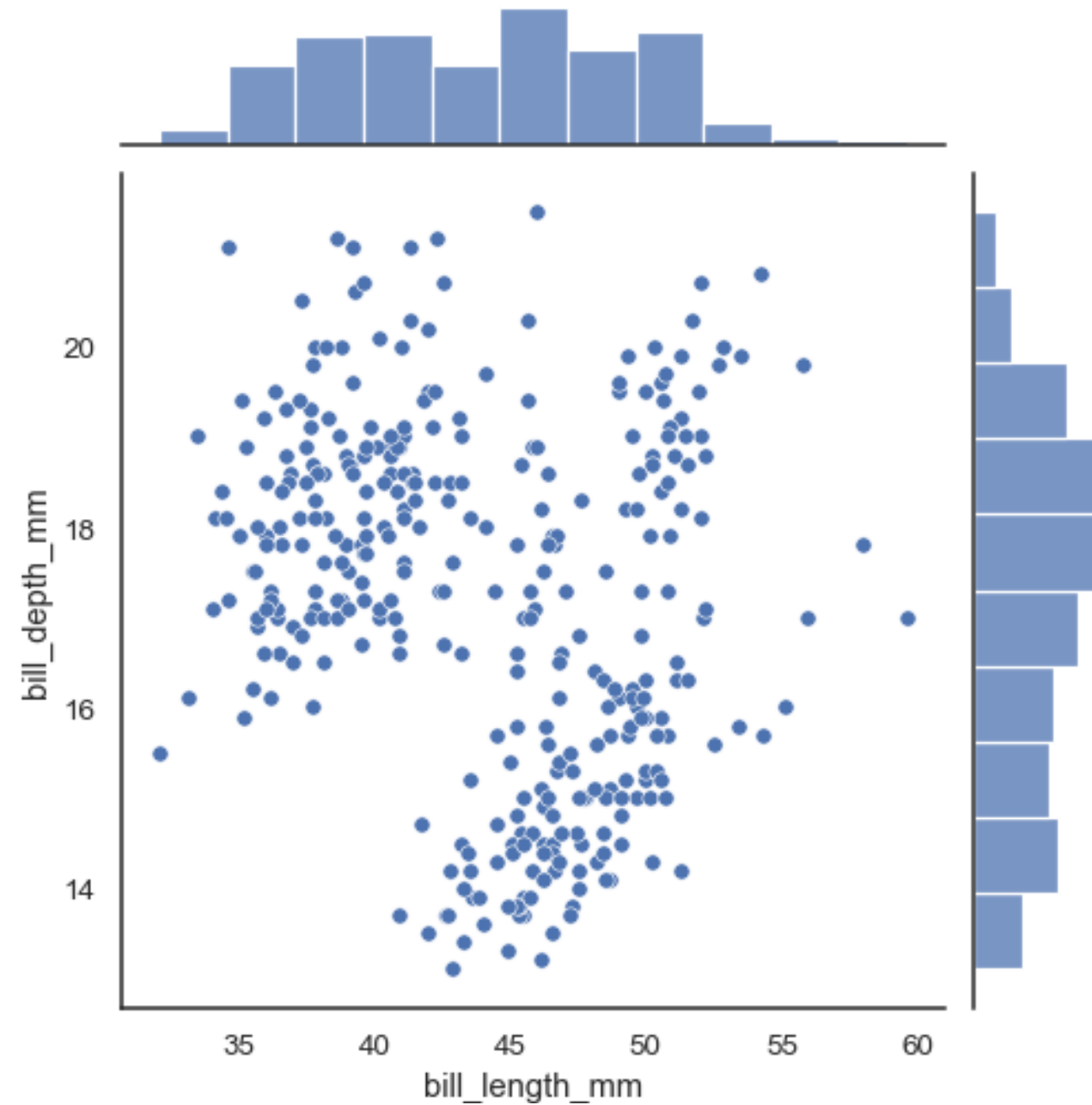
¹ <https://seaborn.pydata.org/generated/seaborn.lineplot.html>

Plots with the Seaborn package



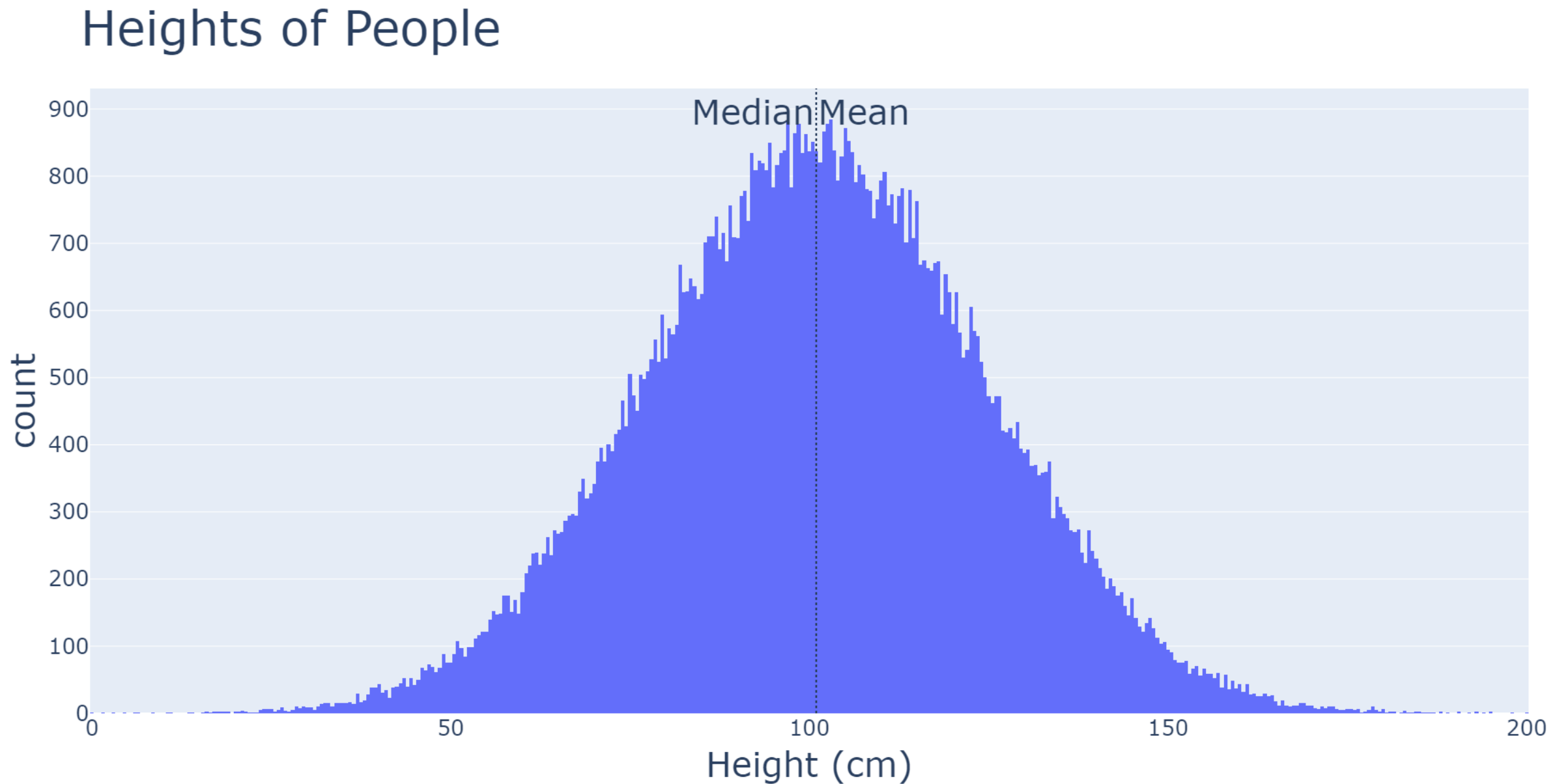
¹ <https://seaborn.pydata.org/generated/seaborn.pairplot.html>

Plots with the Seaborn package



¹ <https://seaborn.pydata.org/generated/seaborn.jointplot.html>

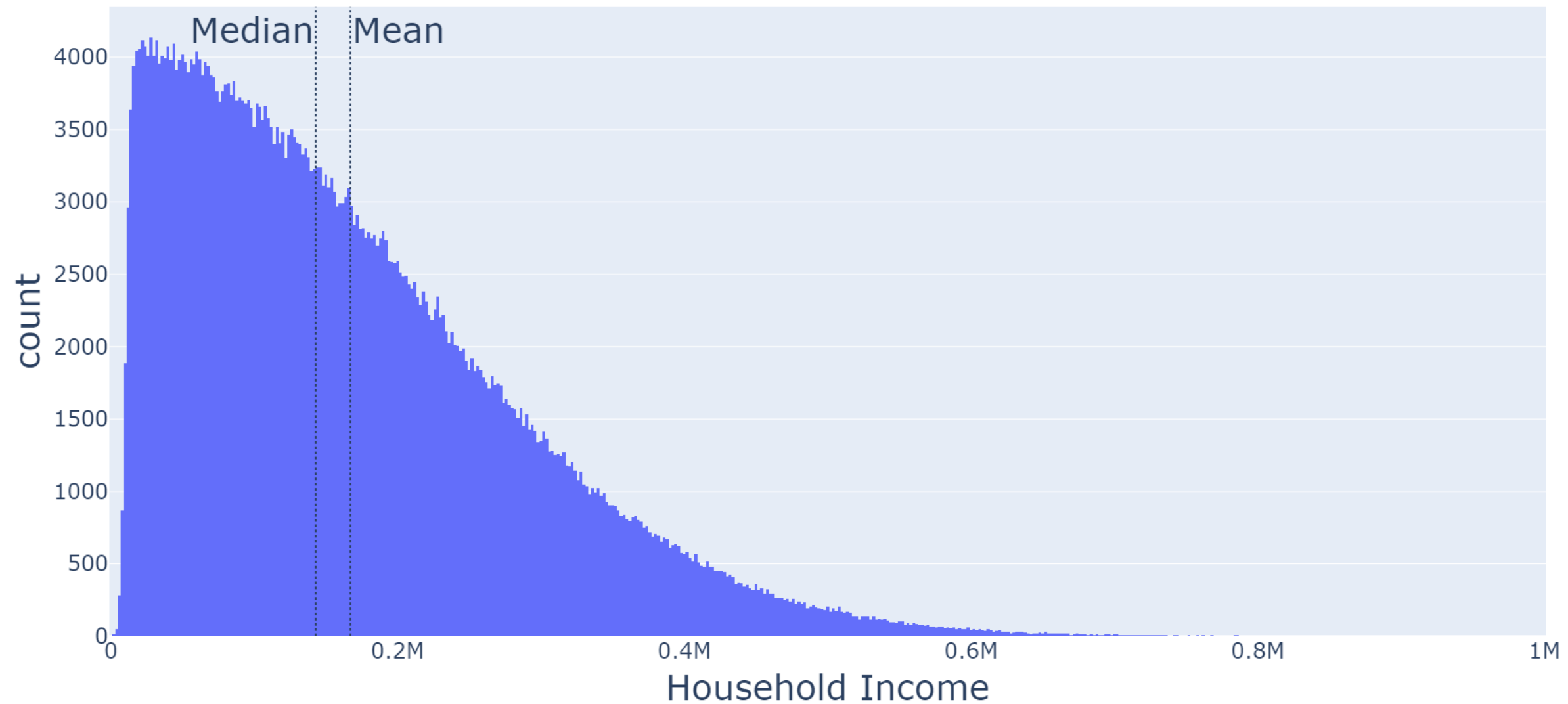
Histograms



¹ <https://seaborn.pydata.org/generated/seaborn.histplot.html>

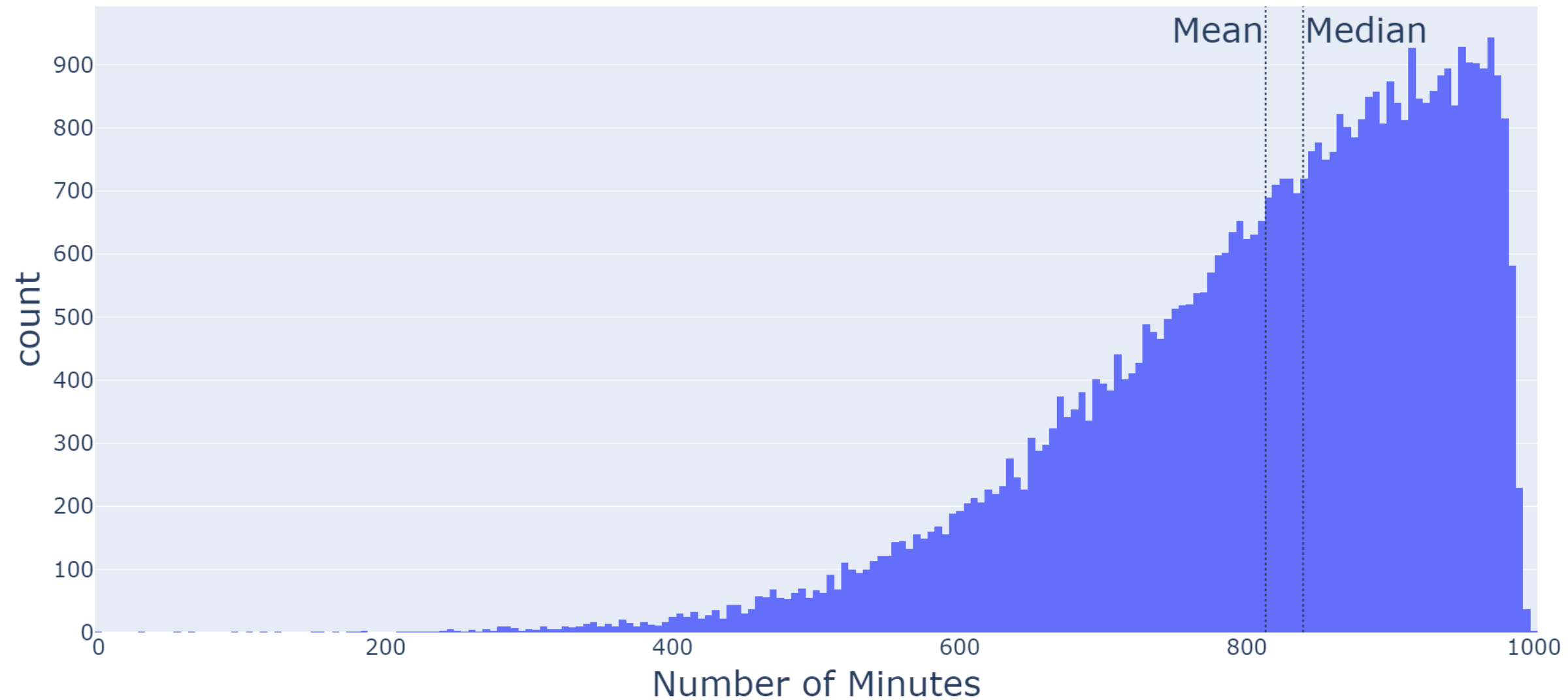
Reading a histogram

Household Income

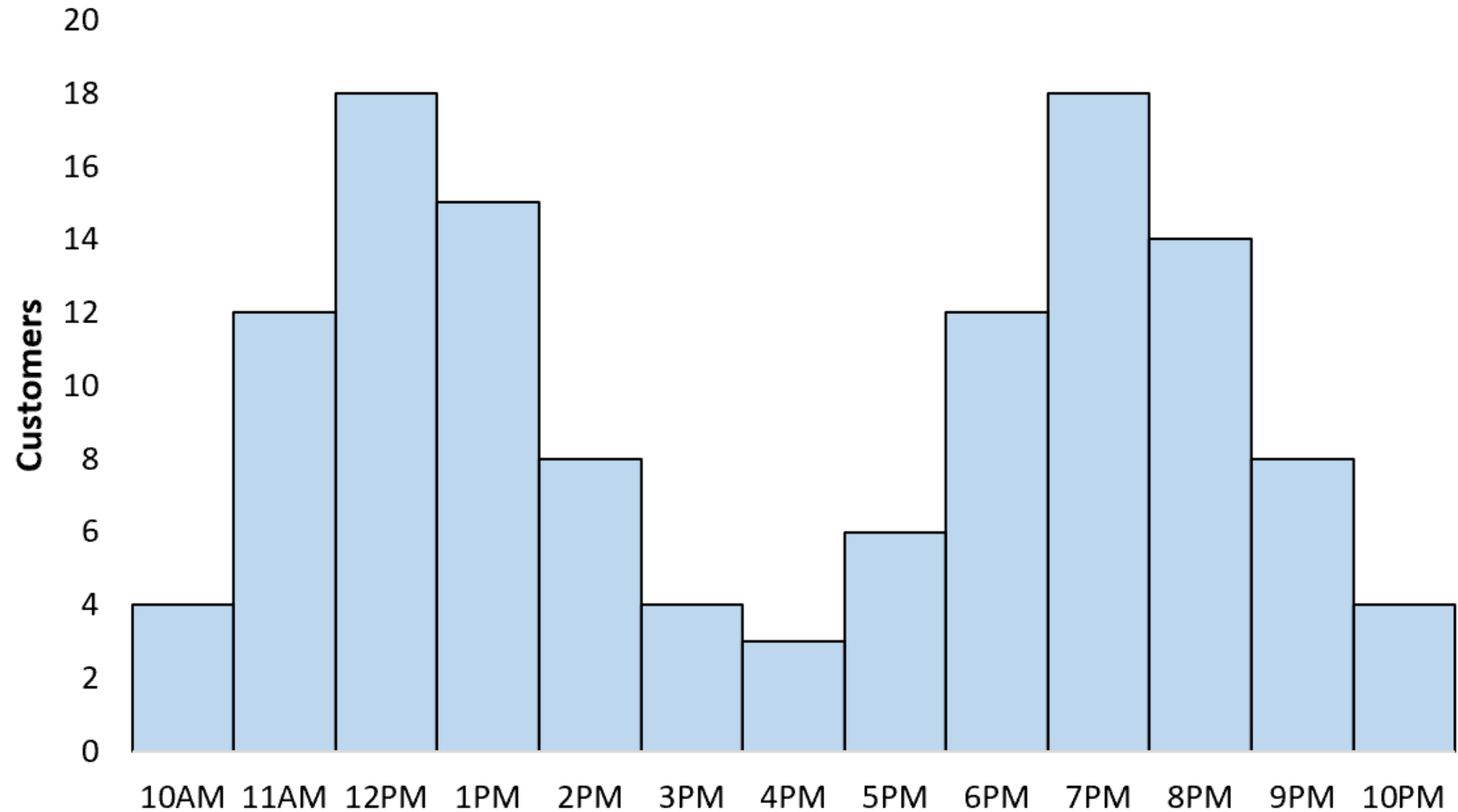


Reading a histogram

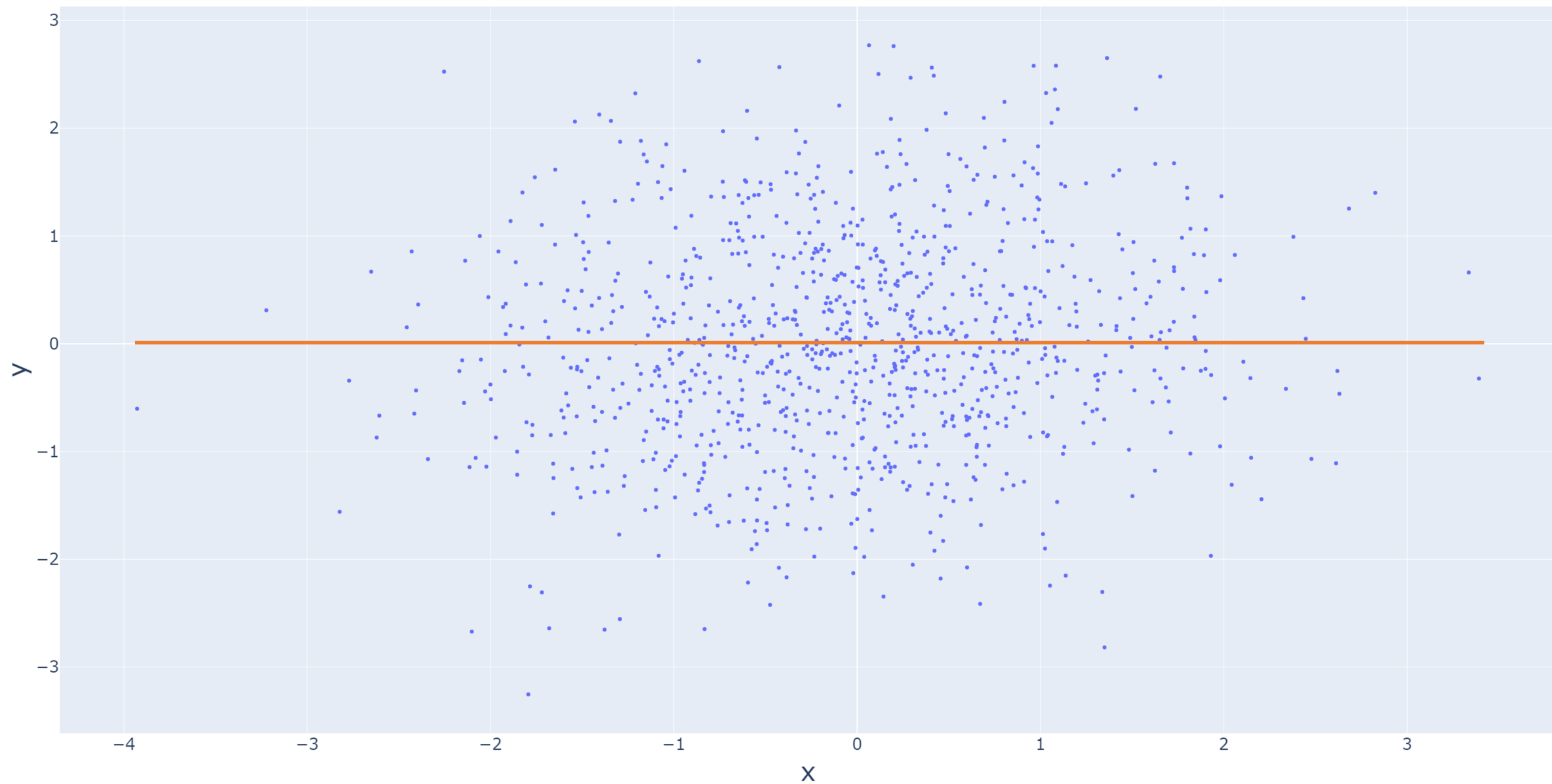
Histogram of Time Spent Online



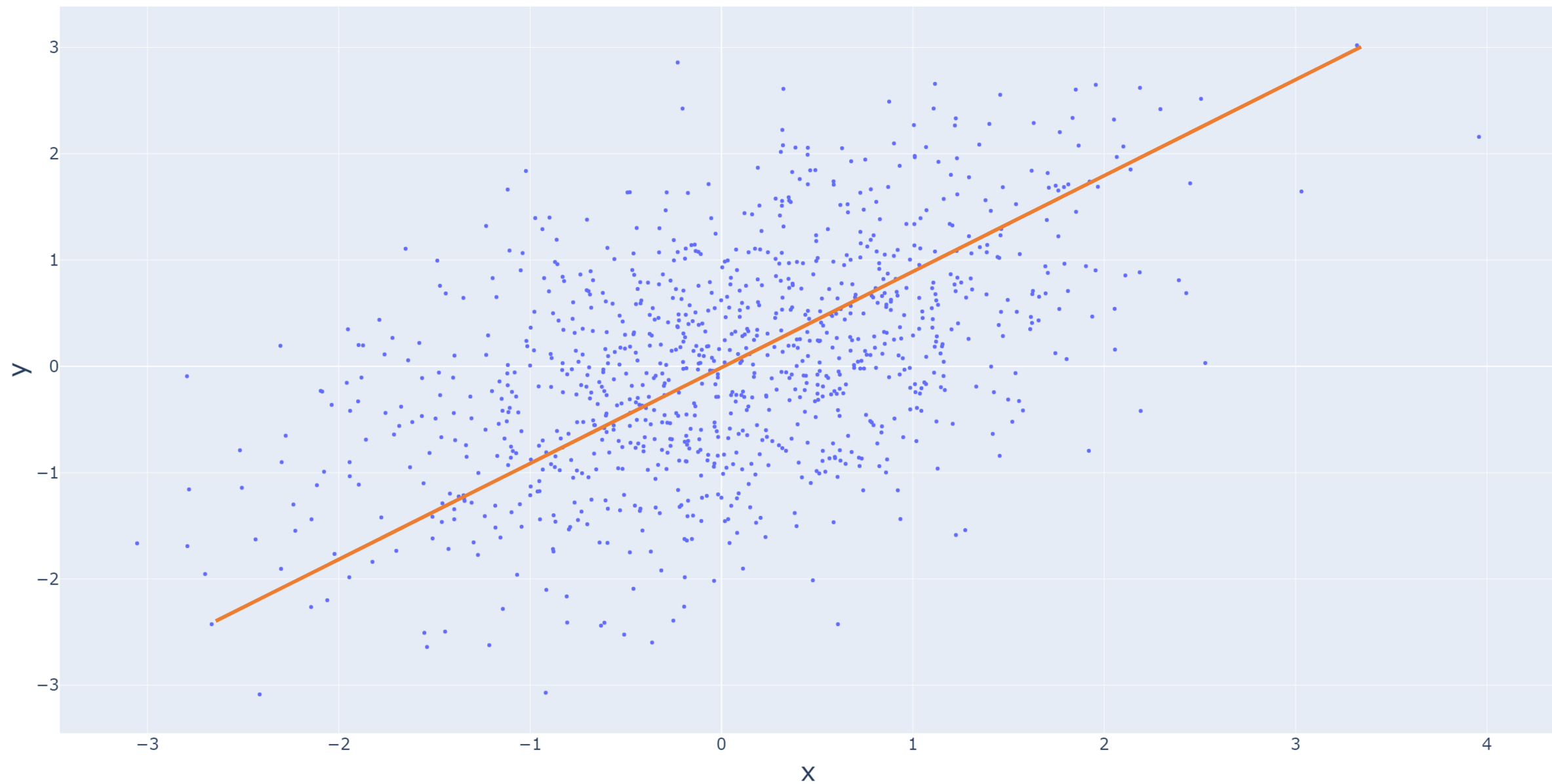
Reading a histogram



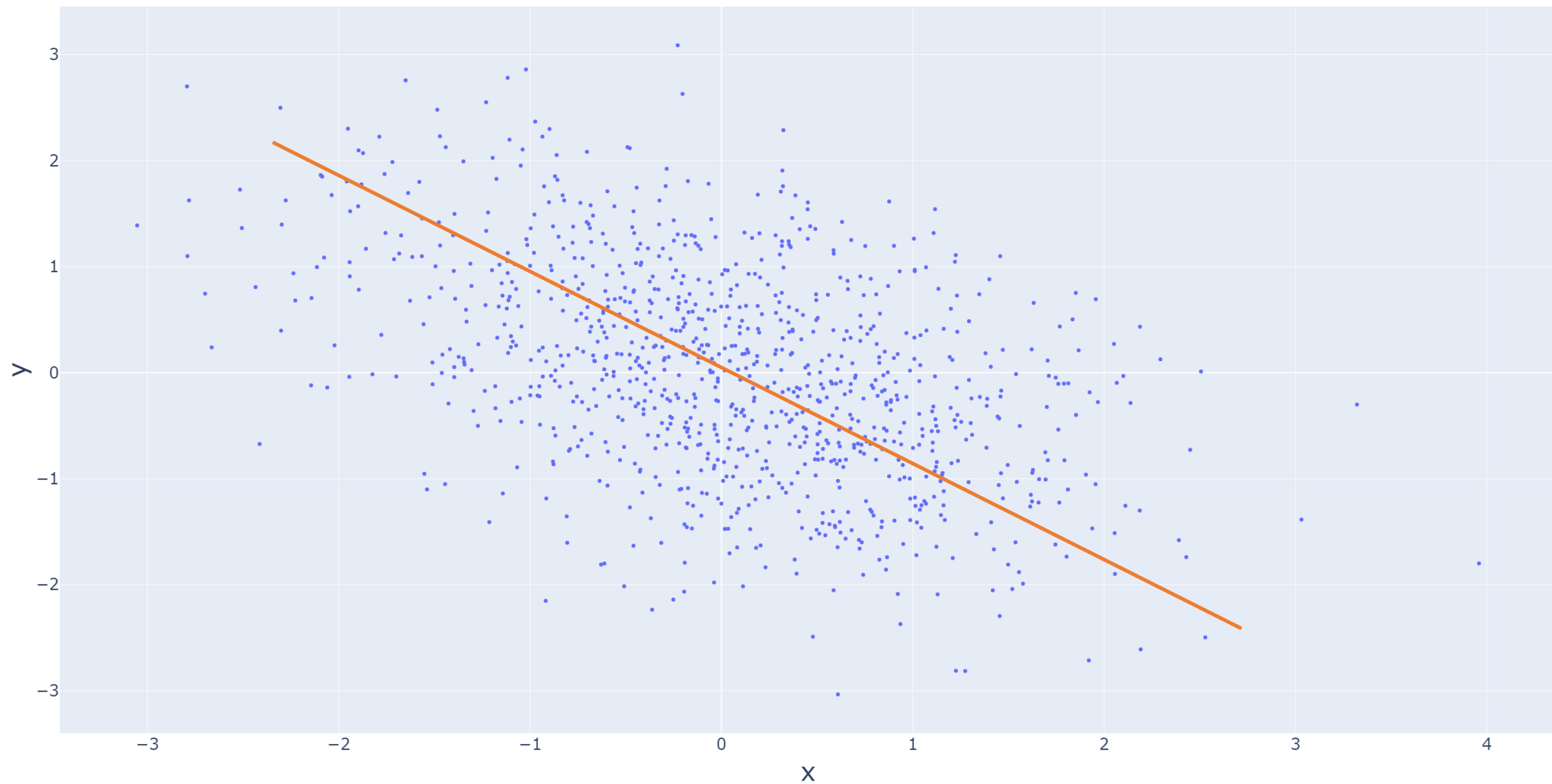
Scatter plots



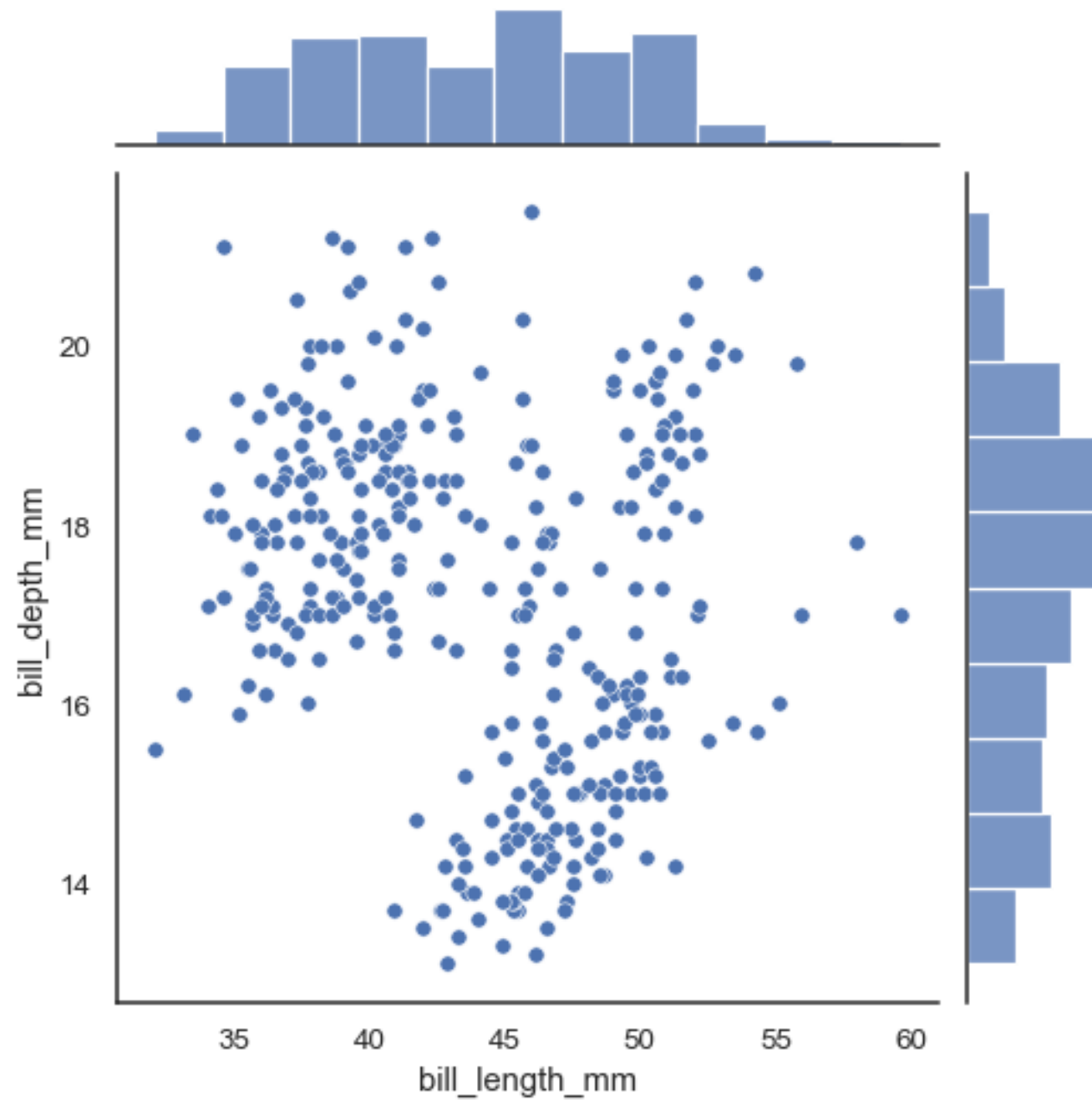
Reading scatter plots



Reading scatter plots



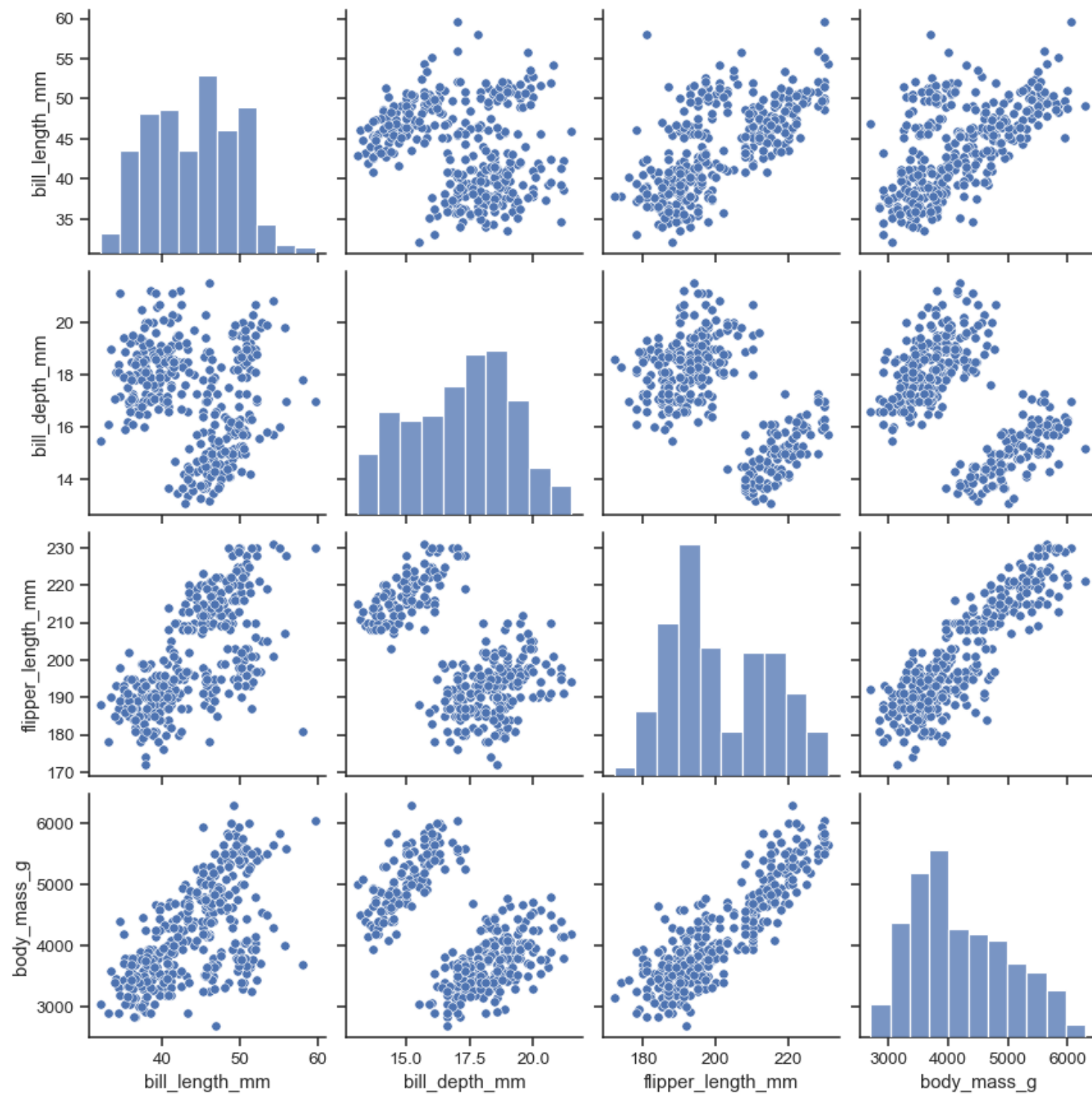
Joint plots



```
seaborn.jointplot(  
    x = "x",  
    y = "y",  
    data = DataFrame  
)
```

Pair plots

```
seaborn.pairplot(  
    data = DataFrame  
)
```



Steps for building a plot in Power BI

```
import matplotlib.pyplot as plt  
import seaborn as sns
```

```
# Data transformation steps  
...
```

```
seaborn.___plot(  
    data = DataFrame,  
    ...  
)
```

```
plt.show()
```

Let's practice!

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Building Python-based visualizations

INTRODUCTION TO PYTHON IN POWER BI



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Instructor

Let's practice!

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