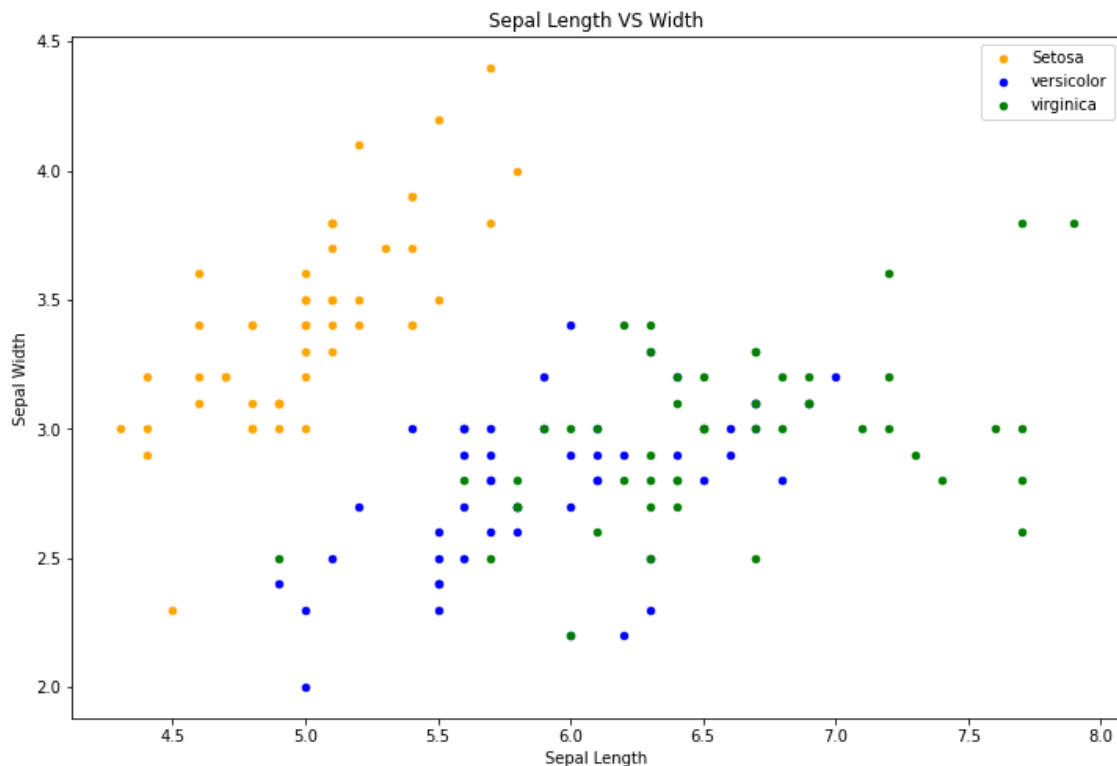


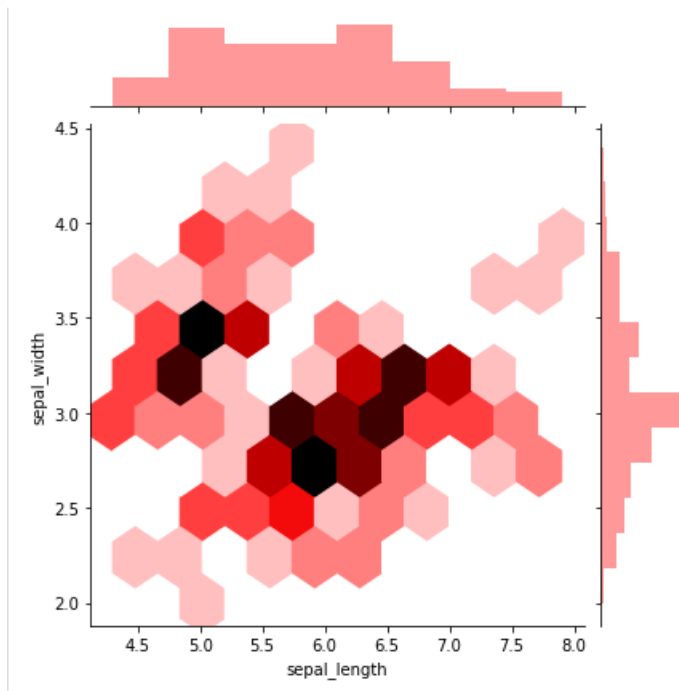
Wadzanayi Kuweta Week 4 Homework

Question 1(Scatter Plot)



- The chart shows 3 species and 2 are not distinct from each other.
- From this visualization, we can tell that Iris Setosa is well separated from the other two flowers.
- Iris virginica is the longest flower because it has longer sepal lengths reaching up to 8
- Iris Setosa is the shortest as its length only reaches up to 6.
- There is a correlation between the sepal length and width, The shorter the sepal length, the wider the sepal.
- Iris Setosa has the widest sepal width and shortest sepal length.
- Iris Virginica has the longest sepal length, but the sepal width is not as wide as that of the Iris Setosa.
- The Iris Versicolor species lies in the middle of the other two species in terms of sepal length and width
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Question 2(Jointplot)



- For sepal width, we have the most observations between 2.5 and 3.5. The marginal plot shows most observations at a width of 3. There is also a slight negative skew on the marginal plot. Most observations are below 3 and we have a few outliers with sepal width reaching up to 4.5. The marginal plot is unimodal.
- For sepal length most observations are centred between 5.5 and 6.5. The marginal plot is bimodal and has a few outliers with lengths reaching up to 8. The marginal plot also shows us the most observed lengths are 5 and 6.5 where the histogram peaks.