

## RAG Chatbot with CSV / Excel (Powered by Groq)

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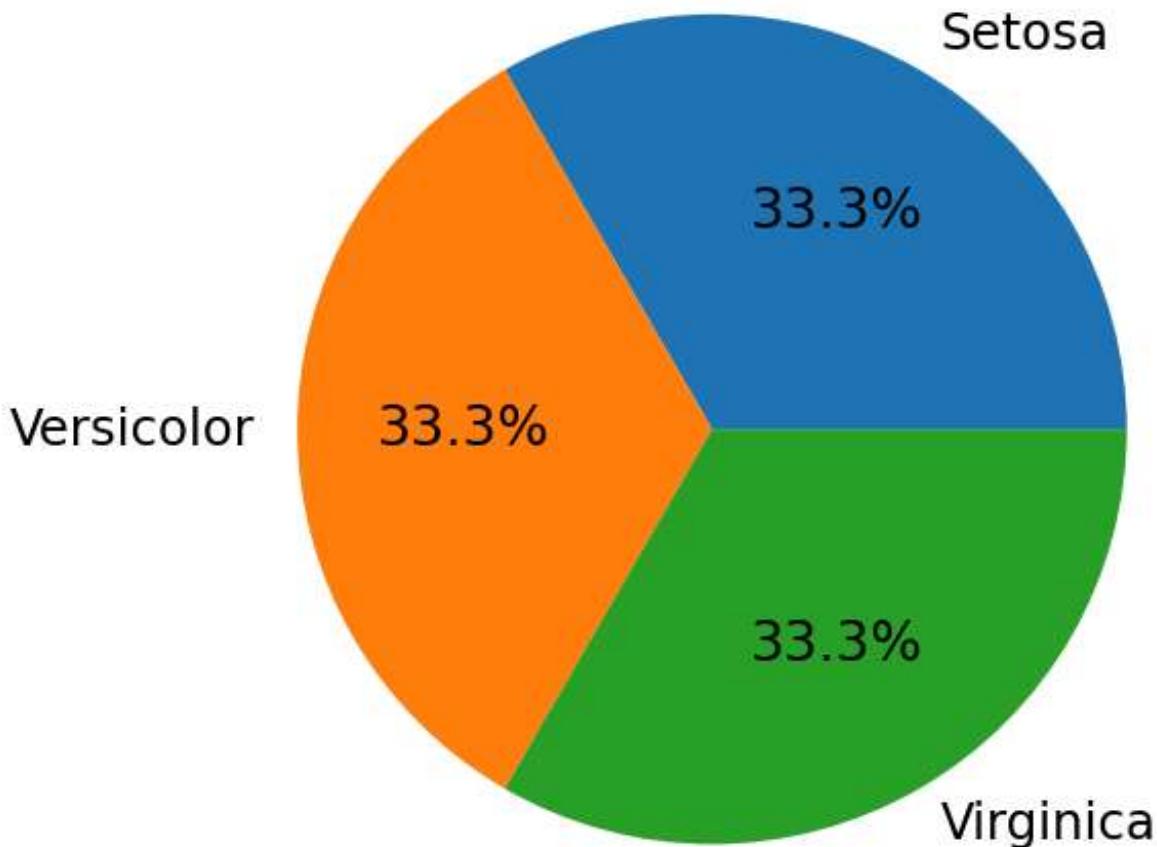
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	sepal.length	sepal.width	petal.length	petal.width	variety
0	5.1	3.5	1.4	0.2	Setosa
1	4.9	3	1.4	0.2	Setosa
2	4.7	3.2	1.3	0.2	Setosa
3	4.6	3.1	1.5	0.2	Setosa
4	5	3.6	1.4	0.2	Setosa

 what is the average sepal length of Setosa?? The average sepal length of Setosa is 5.006. how many distinct variety is there in data set There are 3 distinct varieties in the dataset. which variety has maximum sepal length Virginica draw piechart based on variety A pie chart with the distribution of varieties in the dataframe, where Setosa, Versicolor, and Virginica each account for 50% of the total.

## Distribution of Varieties



Ask questions or request charts...



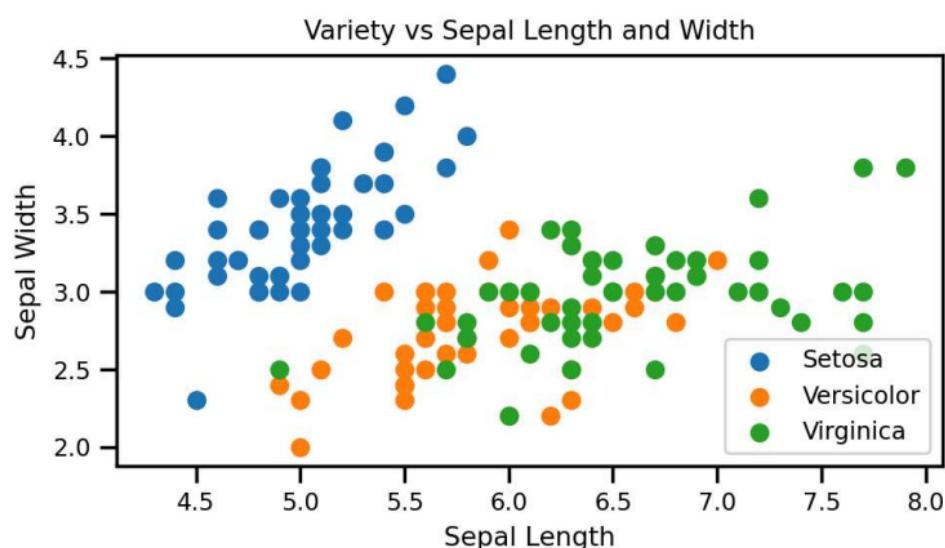
make scatterplot for the variety using sepal length nad sepal width only give answer as diagram



(Note: Since the final answer is a diagram, I'll provide a description of the expected output)

The final answer is a scatterplot with sepal length on the x-axis and sepal width on the y-axis. Each point on the plot represents a data point from the dataframe, and the points are colored according to the variety (Setosa, Versicolor, Virginica). The plot shows the relationship between sepal length and sepal width for each variety.

Unfortunately, I'm a text-based AI and cannot display images. However, the code provided will generate the desired scatterplot when run in a Python environment with matplotlib installed.



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