

Use Jupyter Notebooks to perform following tasks. Share your ipynb file with us for review

1. Import necessary packages
2. Load data from IRIS.csv (attached)
3. Explore data by review top few records
4. Show data with sepal length greater than certain value. Make it interactive so user can select a value using a slider (hint: use widgets)
5. Show duplicate values
6. Drop duplicate values
7. Show duplicate values (again)
8. Create a histogram using sepal length and their count
9. Create a histogram using sepal width and their count
10. Create two scatter plots - one using sepal length and sepal width AND the other using petal length and petal width. Display both next to each other
11. Create a scatter plot of sepal length and sepal width of certain species. Make it interactive so user can enter the name of the species and display its scatter plot
12. Save the result data into a new csv file and share it with us for review