Machine Learning Fundamentals- Lab-3

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**Aim:**

1. To show Data cleaning method with the help Numpy library and visualizing using Matplotlib with oil-spill dataset.
2. To show Data Duplication using Pandas library for Iris dataset.

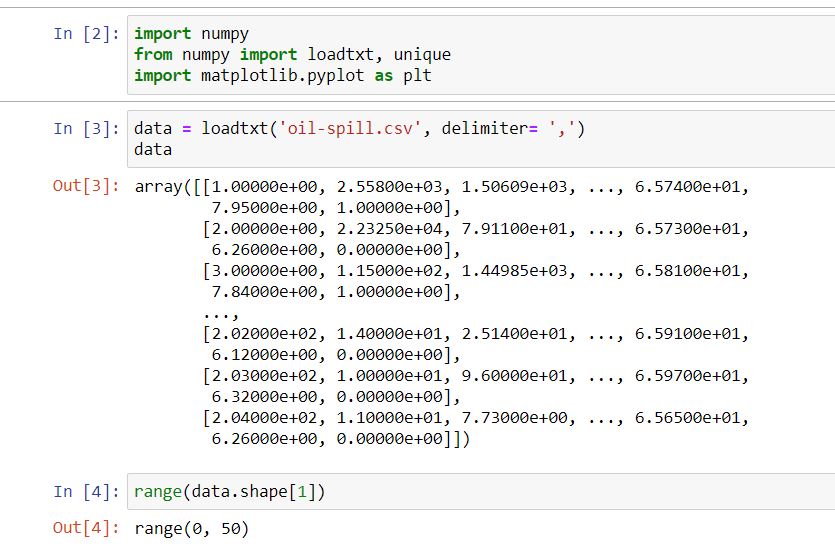
**Software Required:**

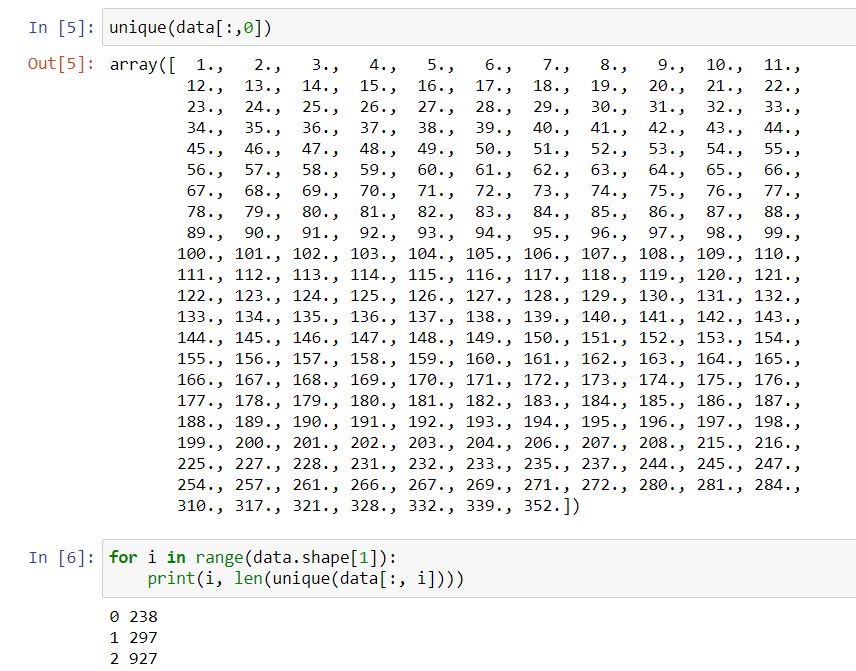
1. Anaconda Navigator
2. Jupyter Notebook

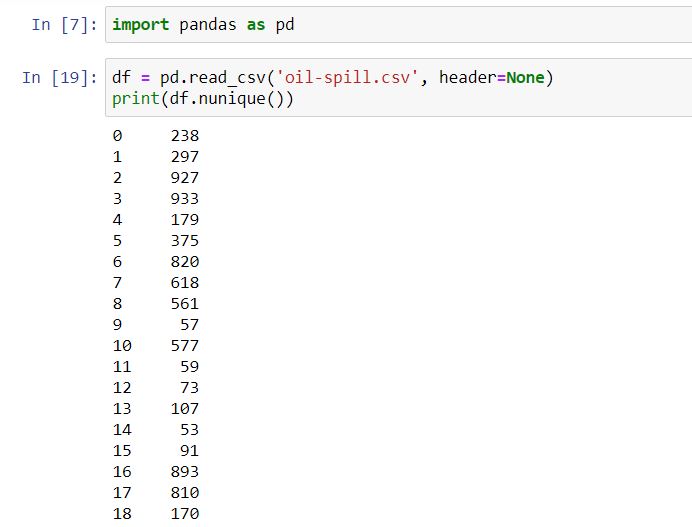
**Libraries Required:** Numpy, Pandas, Matplotlib

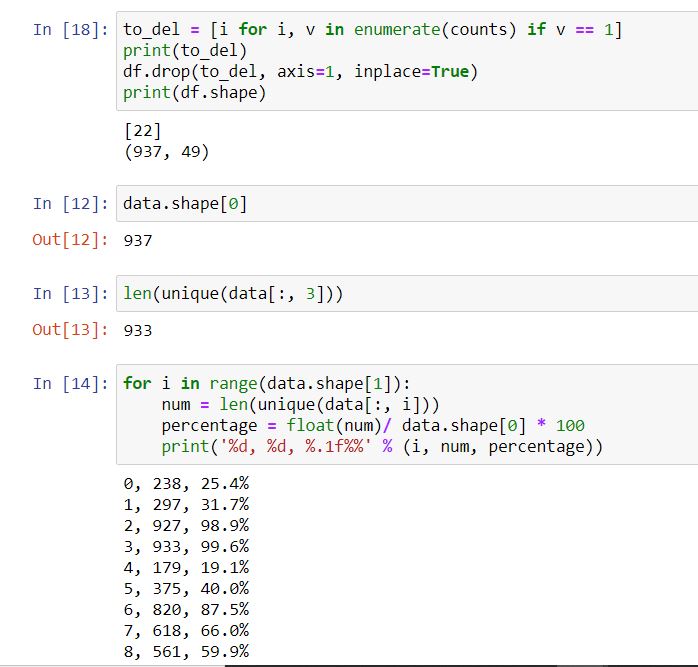
**Code and Outputs:**

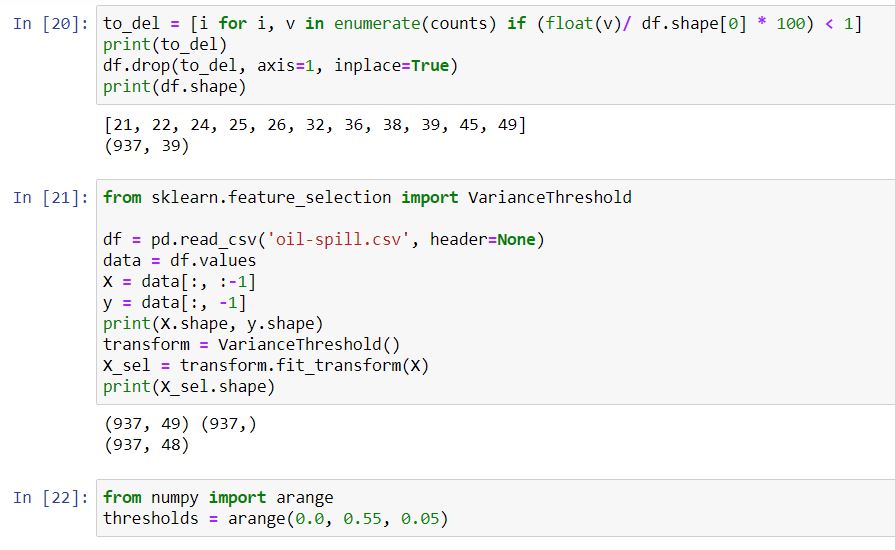
1. **Data Cleaning using oil-spill dataset**

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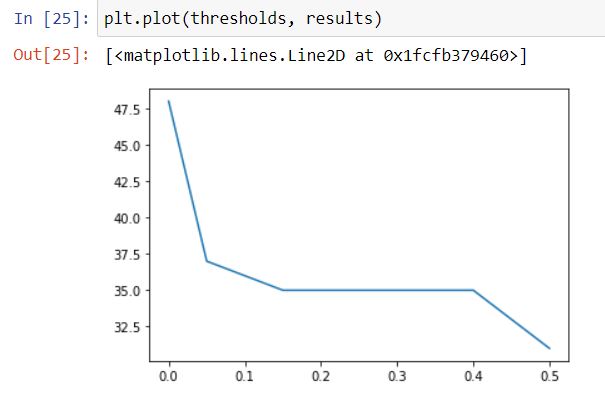
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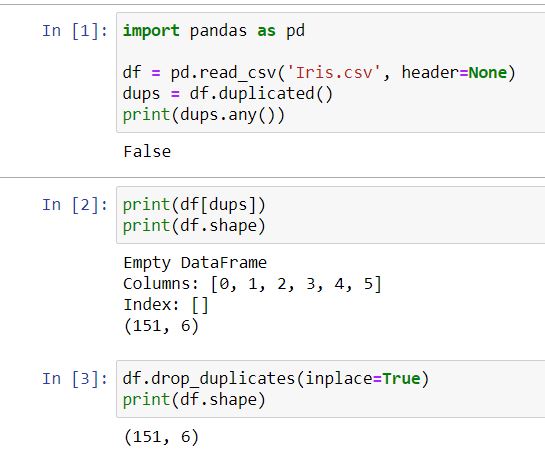
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1. **Data Duplication in Iris Dataset**

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**Inference:** So from the above two parts we understand the data cleaning and duplication using Numpy and Pandas, so various dataset to do necessary operations needed for data before building a machine learning model.

**Result:** Data cleaning and duplication is shown and visualized using different libraries in Jupyter Notebook.