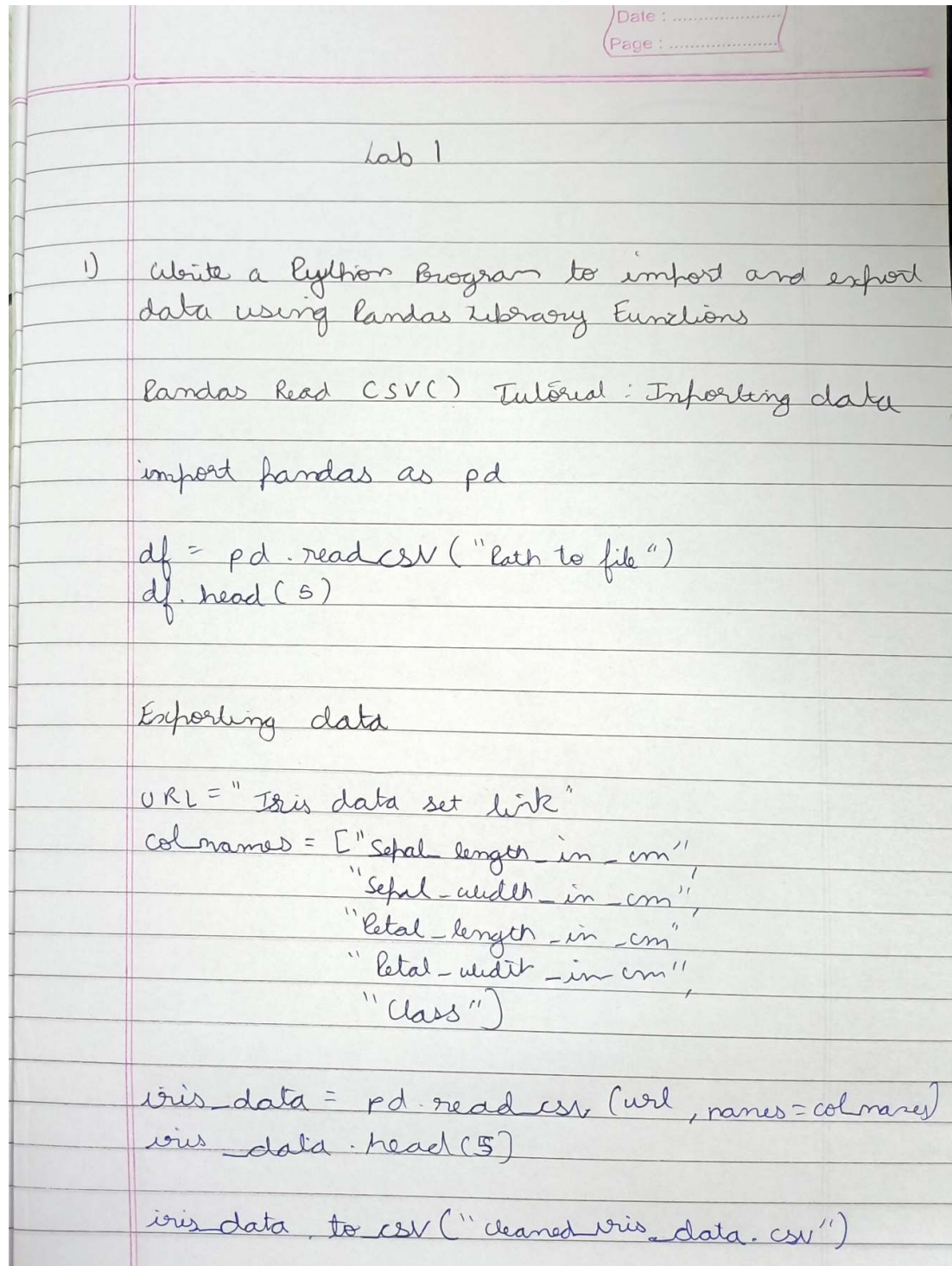


5 April 2024

## Importing and Exporting Data using Pandas

### Algorithm Screenshot



# Code Screenshot

```
[5] import pandas as pd

[7] data = pd.read_csv('/content/austinHousingData.csv')

[8] data.head()

[9] url = "https://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data"

    col_names = ["sepal_length_in_cm",
                  "sepal_width_in_cm",
                  "petal_length_in_cm",
                  "petal_width_in_cm",
                  "class"]
    iris_data = pd.read_csv(url, names=col_names)

▶ iris_data.head()

▶ iris_data.to_csv("exported.csv")
```

## Output:

|   | zpid       | city         | streetAddress         | zipcode | description                                       | latitude  | longitude  | propertyTaxRate | garageSpaces | hasAssociation | ... | numOfMiddleSchools | numOfHighSchools | avgSchoolI |
|---|------------|--------------|-----------------------|---------|---|-----------|------------|-----------------|--------------|----------------|-----|--------------------|------------------|------------|
| 0 | 111373431  | pflugerville | 14424 Lake Victor Dr  | 78660   | 14424 Lake Victor Dr, Pflugerville, TX 78660 I... | 30.430632 | -97.663078 | 1.98            | 2            | True           | ... | 1                  | 1                |            |
| 1 | 120900430  | pflugerville | 1104 Strickling Dr    | 78660   | Absolutely GORGEOUS 4 Bedroom home with 2 full... | 30.432673 | -97.661697 | 1.98            | 2            | True           | ... | 1                  | 1                |            |
| 2 | 2084491383 | pflugerville | 1408 Fort Dessau Rd   | 78660   | Under construction - estimated completion in A... | 30.409748 | -97.639771 | 1.98            | 0            | True           | ... | 1                  | 1                |            |
| 3 | 120901374  | pflugerville | 1025 Strickling Dr    | 78660   | Absolutely darling one story home in charming ... | 30.432112 | -97.661659 | 1.98            | 2            | True           | ... | 1                  | 1                |            |
| 4 | 60134862   | pflugerville | 15005 Donna Jane Loop | 78660   | Brimming with appeal & warm livability! Sleek ... | 30.437368 | -97.656860 | 1.98            | 0            | True           | ... | 1                  | 1                |            |

5 rows x 47 columns

1 to 10 of 150 entries

Filter



|   | sepal_length_in_cm | sepal_width_in_cm | petal_length_in_cm | petal_width_in_cm |
|---|--------------------|-------------------|--------------------|-------------------|
| 0 | 5.1                | 3.5               | 1.4                | 0.2               |
| 1 | 4.9                | 3.0               | 1.4                | 0.2               |
| 2 | 4.7                | 3.2               | 1.3                | 0.2               |
| 3 | 4.6                | 3.1               | 1.5                | 0.2               |
| 4 | 5.0                | 3.6               | 1.4                | 0.2               |
| 5 | 5.4                | 3.9               | 1.7                | 0.4               |
| 6 | 4.6                | 3.4               | 1.4                | 0.3               |
| 7 | 5.0                | 3.4               | 1.5                | 0.2               |
| 8 | 4.4                | 2.9               | 1.4                | 0.2               |
| 9 | 4.9                | 3.1               | 1.5                | 0.1               |