

sprint 1 Task 4:

1- What 're the methods that you used ?

`isin()` method for filtering

`set_option()`

`read_csv()` method

A where operation with setting:

Grouping

Reshaping

String Methods

Categoricals

Getting data in/outSeries

DataFrame

and labeled columns:

The columns of the resulting DataFrame have different dtypes:

2- Explain each method ..

Using the `isin()` method for filtering.

`read_csv()` method to read from url.

`describe(include=['float64'])` to describe and summarize data.

where to find details of data by using length, width and depth.

`rename()` to rename col.

`cut.isin()` to find the diamonds that are either Good or Very Good.

`groupby('cut').price.mean()` to price each cut dataframe.

`price.agg(['count','min','max'])` to calculate count, minimum, maximum price for each cut.

`diamonds.cut.value_counts()` cut series of diamonds DataFrame occurs.

`value_counts()`.

`isnull().sum()` to count the number of missing values in each Series

3- What's new for you ?

Fast and efficient for manipulating and analyzing data.

Data from different file objects can be loaded.

Easy handling of missing data (represented as NaN) in floating point as well as non-floating point data

Size mutability: columns can be inserted and deleted from DataFrame and higher dimensional objects

Data set merging and joining.

Flexible reshaping and pivoting of data sets

Powerful group by functionality for performing split-apply-combine operations on data sets.

use pandas

Showing label slicing, both endpoints are included:

Transposing data, shows a quick statist.

4-Resources?

[https://www.geeksforgeeks.org/python-program-to-find-number-of-days-between-two-given-dates/?](https://www.geeksforgeeks.org/python-program-to-find-number-of-days-between-two-given-dates/?ref=lbph)

[ref=lbphhttps://www.journaldev.com/29055/python-pandas-module-](https://www.journaldev.com/29055/python-pandas-module-tutorial)

[tutorialhttps://stackoverflow.com/questions/35647546/converting-py-to-exe-with-pandas-imported](https://stackoverflow.com/questions/35647546/converting-py-to-exe-with-pandas-imported)