Subsetting and Modifying Data in Python

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Python for Data Science: Tasks

Reading data files

Subsetting, Modifying data

Building ML Models

Preprocessing, Aggregating data

Visualizing trends and patterns

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Subsetting and Modifying Data in Python

Subsetting, Modifying

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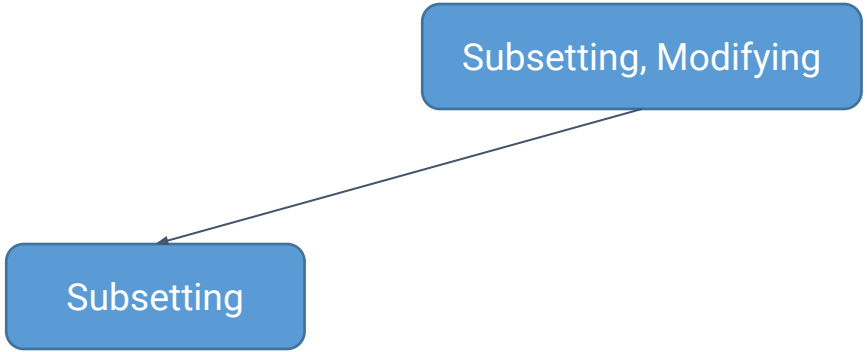

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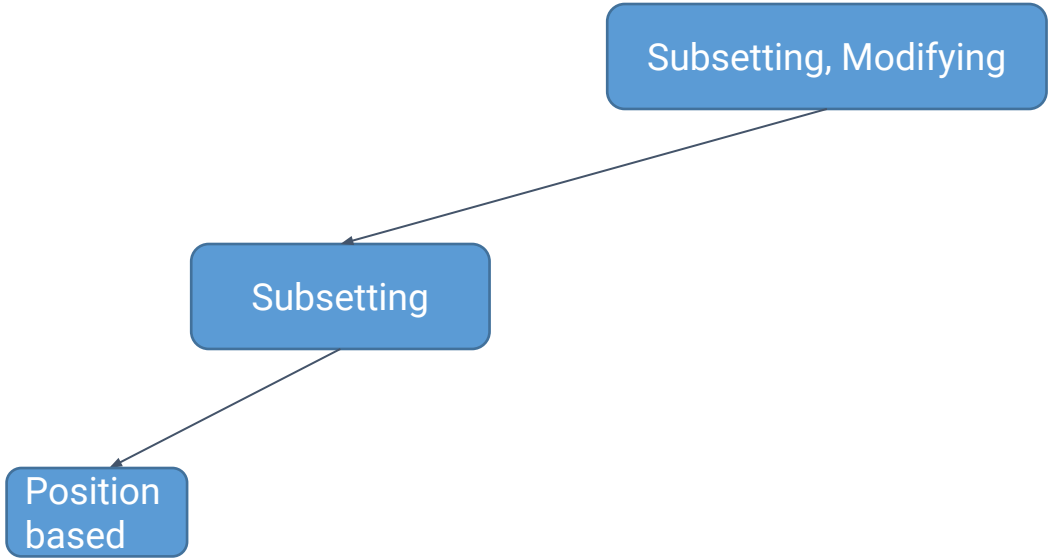

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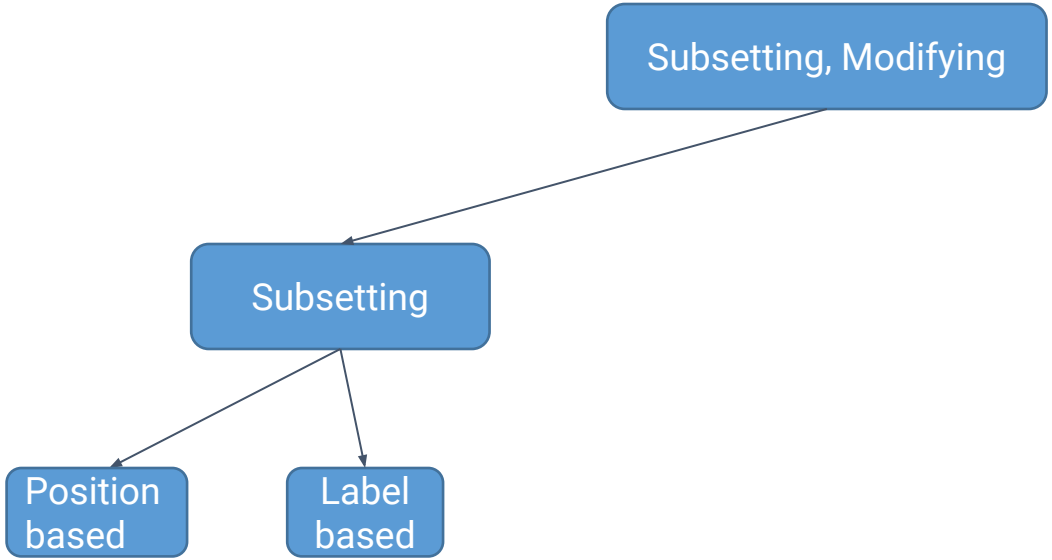

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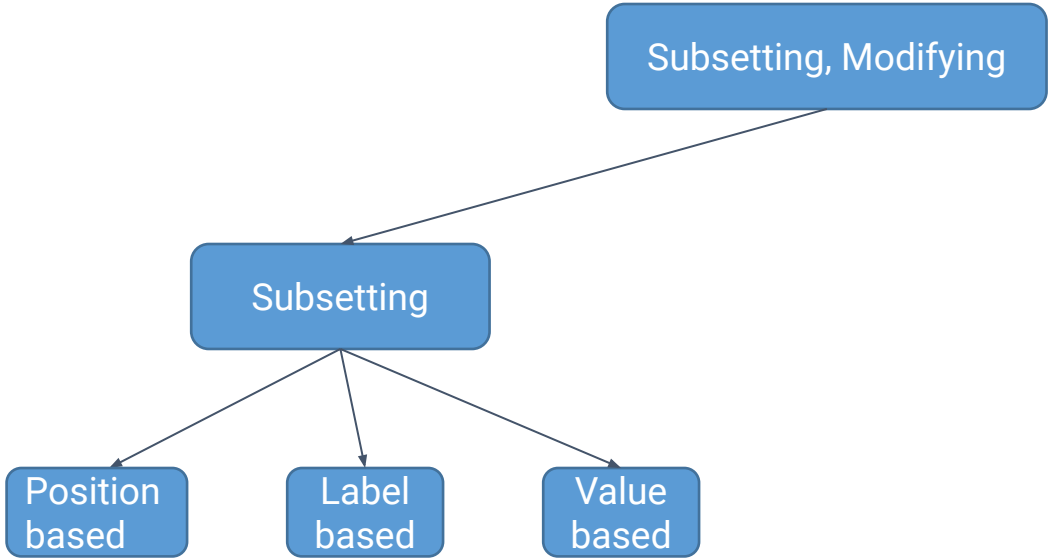

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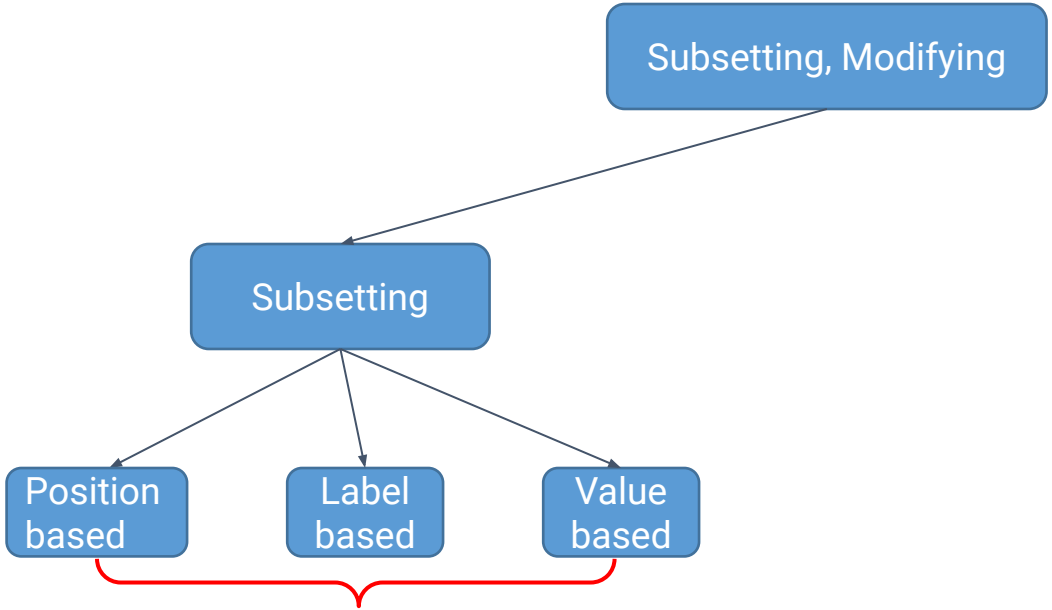

- Top/Bottom rows
- Row/Column Filters

etc.

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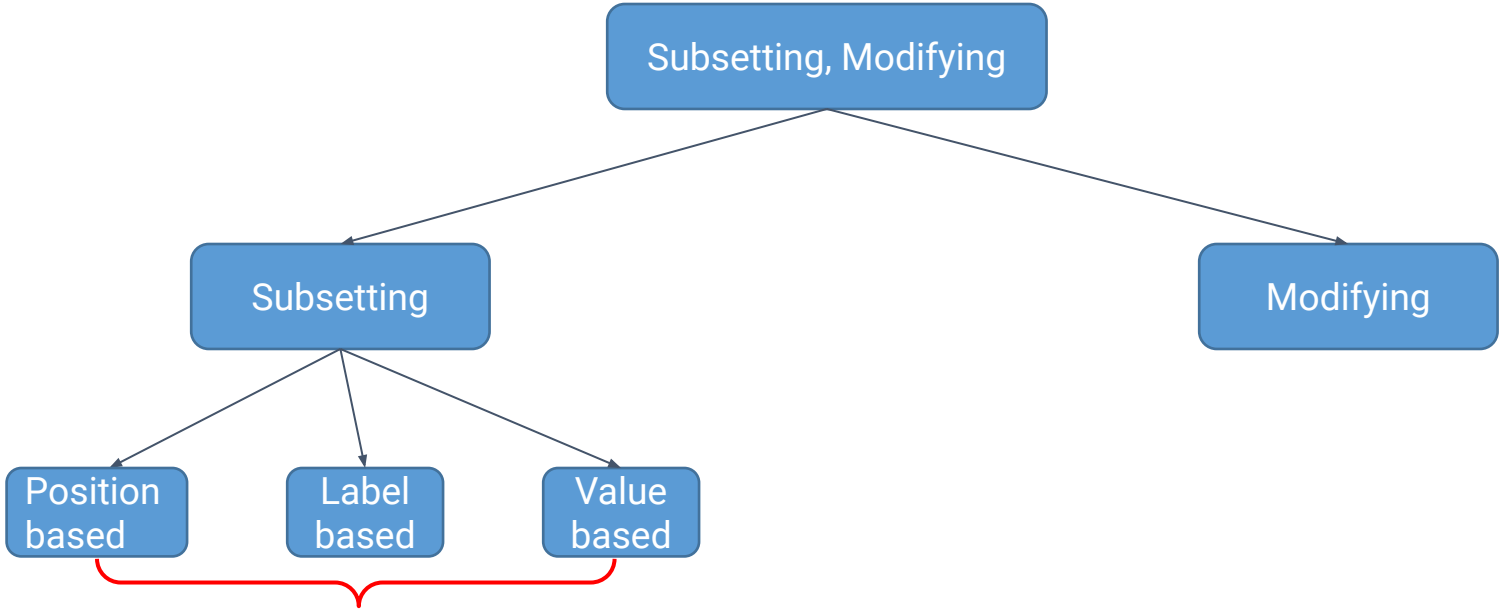

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etc.

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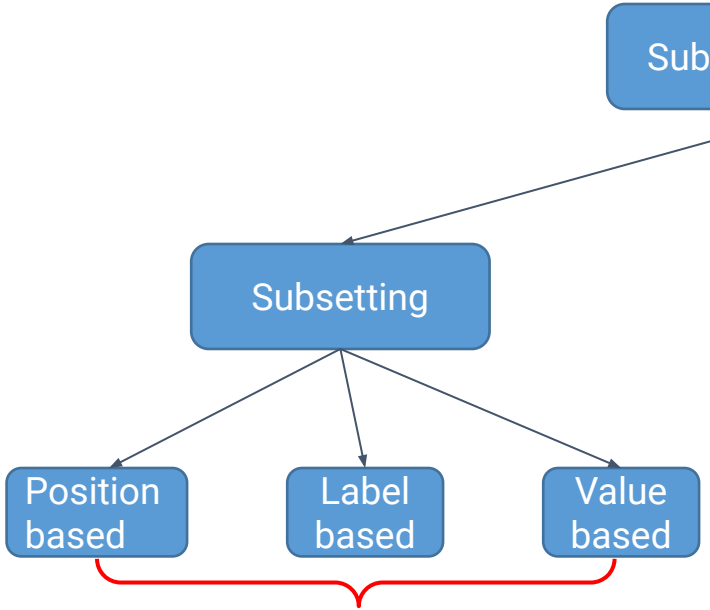

- Missing values
- Manipulate Row/Columns etc.

- Top/Bottom rows
- Row/Column Filters etc.

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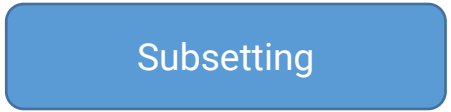
Position and Label based Subsetting



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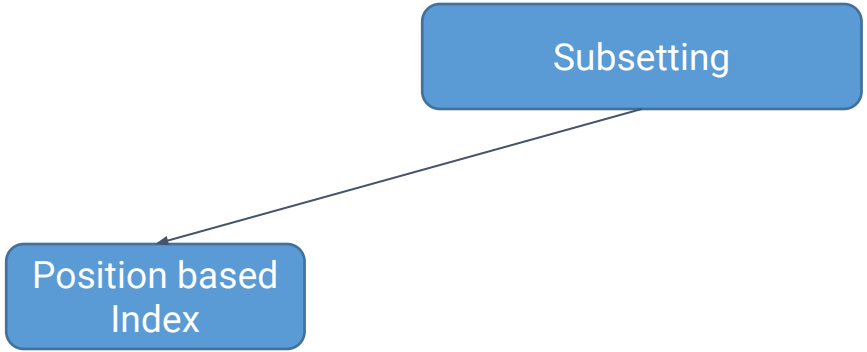

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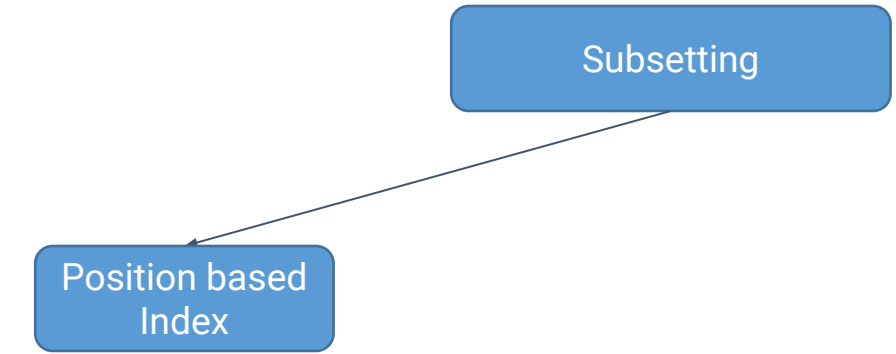

An integer denoting row/column position

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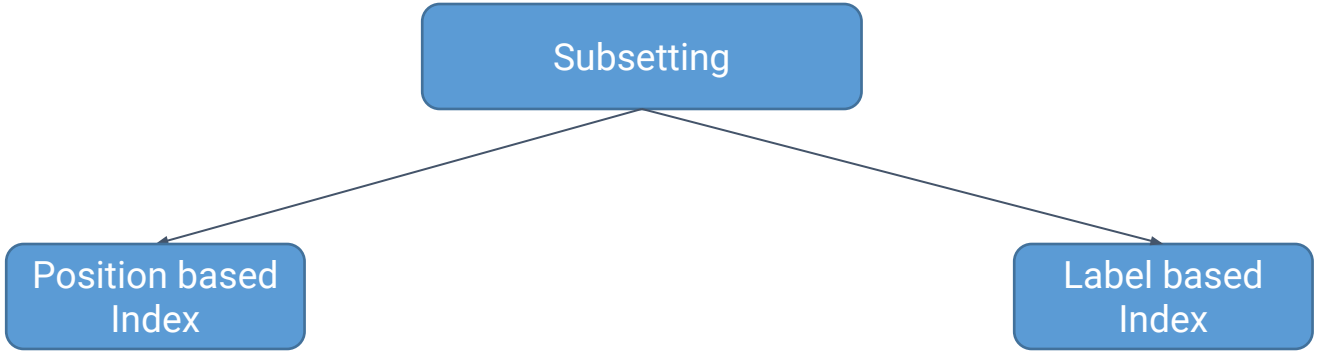
Position and Label based Subsetting



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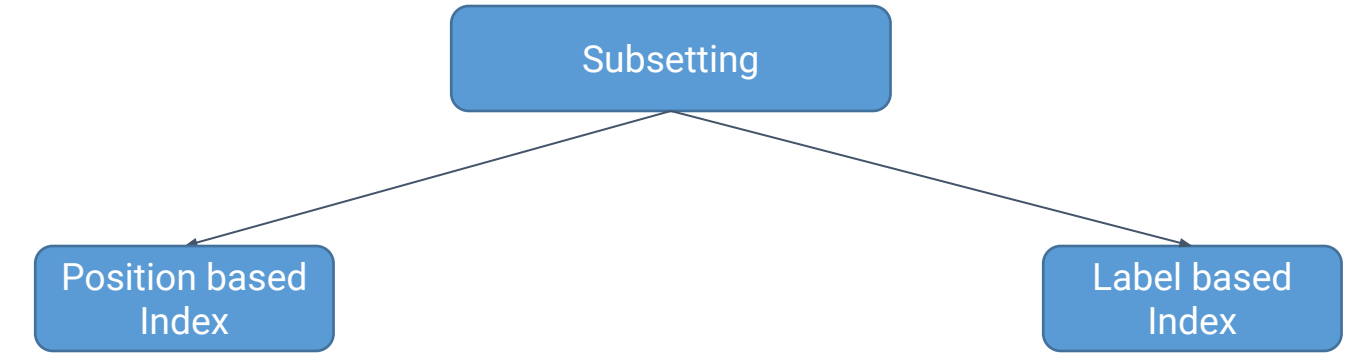
Position and Label based Subsetting



An integer denoting row/column position

A label like ‘car’, ‘FCD01’ etc.

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Position and Label based Subsetting

Position based Index

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Position and Label based Subsetting

Position based Index

	Item_Identifier	Item_Weight	Item_Fat_Content
0	FDA15	9.30	Low Fat
1	DRC01	5.92	Regular
2	FDN15	17.50	Low Fat
3	FDX07	19.20	Regular
4	NCD19	8.93	Low Fat

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Position and Label based Subsetting

Position based Index

	Item_Identifier	Item_Weight	Item_Fat_Content
0	FDA15	9.30	Low Fat
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Position based Index

Label based Index

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Label based Index

Item_Identifier	Item_Weight	Item_Fat_Content
FDA15	9.300	Low Fat
DRC01	5.920	Regular
FDN15	17.500	Low Fat
FDX07	19.200	Regular
NCD19	8.930	Low Fat

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Position and Label based Subsetting

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