Python Naming Conventions

General 💻

- Use descriptive names!
- Shorter names are preferred
- Never mix snake and camel cases!
- Don't use special characters such as ñ and $.

Modules, 📁 files and folders

- Don't use spaces in filenames
- Keep things tidy and organized
- Don't name your modules 'functions.py' or other generic names.

Variables 💾

- snake_case is preferred
- CONSTANT and LONG_CONSTANT may be written in all CAPS
- Avoid unclear repetitive names: df1, df2, df3, etc.
- Don't overwrite reserved words such as 'print', 'list', 'str', etc.

functions 🤖 and Classes

- snake_case_functions
- snake_case_methods
- use meaningful parameters
- don't name functions 'function' (generic names)
- Classes must begin with uppercase
- ClassesInCamelCase
- use 'self' as first parameter in class methods

snake_case 🐍

When writing in snake case, all letters should be lowercase and words are separated by underscore (_).

camelCase 🐫

In camel case, letters are also lowercase and words are not separated, but are differentiated by uppercase.

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Big Data and Machine Learning