

Artist Database SDK

In this assignment, you will create a Software Development Kit (SDK) for the Artist Database API from assignment 13.3 in the compendium.

The SDK must support the following operations:

<i>Function</i>	<i>Description</i>
<code>list_artists()</code>	Returns a list of strings with all available artists.
<code>get_artist_by_id(artist_id)</code>	Returns a dictionary describing the artist with id {artist_id}.
<code>get_artist(artist_name)</code>	Returns a dictionary describing the artist with name {artist_name}.

All operations must fetch data in real time from the API. Do not hard code anything.

Write a short program that utilize the SDK to list all artists and lets the user print information regarding a specific artist. The program must import the SDK as a module.

Write good documentation regarding the module by specifying docstrings and type hints for all functions.

Common errors to avoid

Missing short program

Make sure to create a short program that briefly shows how the SDK is used.

The SDK is not written as a module

Define all the functions in a separate file (artist_database.py) so that it can be imported by the short program.

Not all operations implemented

Make sure to implement all the operations (functions) listed in the table above. Feel free to add more functions, but make sure to document them with docstrings and type hints.

Docstring is not specified for function

Make sure to write docstrings for all functions in the SDK. The docstring must include good descriptions for:

- the function,
- its arguments and
- what it returns.

Type hints is not specified for function

Make sure to specify type hints for all functions in the SDK regarding their:

- arguments
- return value