**Cloudant DB**

Create database

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID27630 |
| Project Name | VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 4 Marks |

**Creating Database**

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| Retrieves the raw JSON content from the remote database based on the partitioned search index on the server, using the query\_params provided as query parameters. | | |
| See | **get\_search\_result()** | method for further details. |

API module that maps to a Cloudant or CouchDB database instance.

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| **get\_partitioned\_search\_result(*partition\_key*, *ddoc\_i d*, *index\_name*, *\*\*query\_params*)** |

**cloudant.database.CloudantDatabase**

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| Bases: | **cloudant.database.CouchDatabase** |  |
| Encapsulates a Cloudant database. A CloudantDatabase object is instantiated with a reference to a client/session. It supports accessing the documents, and various database features such as the document indexes, changes feed, design documents, etc. |

* **client** (*Cloudant*) – Client instance used by the database.
* **database\_name** (*str*) – Database name used to reference the database.
* **fetch\_limit** (*int*) – Optional fetch

**Parameters:** limit used to set the max number of documents to fetch per query during iteration cycles. Defaults to 100.

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| **False** |

* **partitioned** (*bool*) – Create as a partitioned database. Defaults to .

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| **Parameters**  **:** | * **partition\_key** [(*str*)](https://docs.python.org/3/library/stdtypes.html#str) – Partition key. * **ddoc\_id** [(*str*)](https://docs.python.org/3/library/stdtypes.html#str) – Design document id used to get the search result. * **index\_name** [(*str*)](https://docs.python.org/3/library/stdtypes.html#str) – Name used in part to identify the index. * **query\_params** – |

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| [**get\_search\_result()**](https://python-cloudant.readthedocs.io/en/stable/database.html#cloudant.database.CloudantDatabase.get_search_result) |

See meth

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|  | od for available keyword arguments. |
| **Returns:** | Search query result data in JSON format. |
| **Return** | [dict](https://docs.python.org/3/library/stdtypes.html#dict) |

**type:**